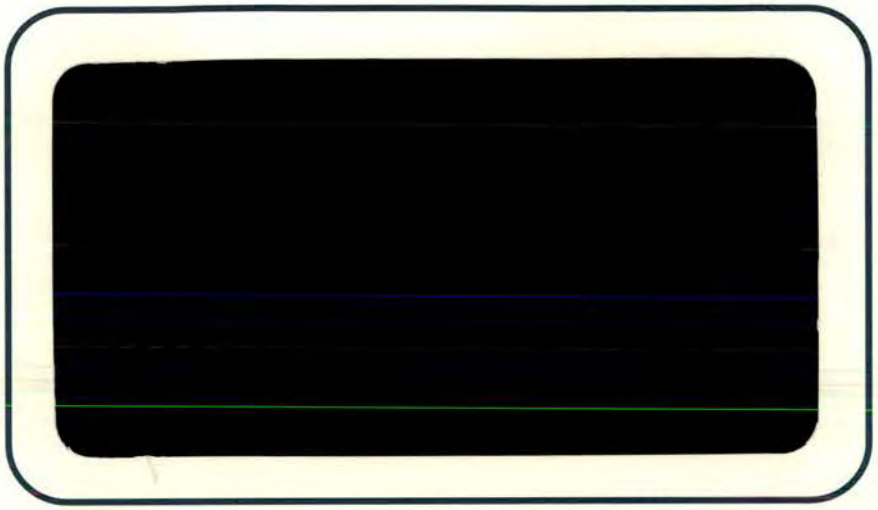

Stabilis
ENVIRONNEMENT INC.
1345 Boul. Dagenais O., Laval (Québec) H7L 1K5

TRAINING PROGRAM

Collection of household hazardous waste (H.H.W.)

M.S.D.S
↓
Material Safety Data Sheet.

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1. Objectives

1.1 Avoid H.H.W. being disposed to the landfill

- Waste oil ► 1 litre could contaminate 1,000,000 litre of water.
- Lead batteries ► Lead leaching from landfill, very toxic for human (especially for kids).

- Lead batteries ▶ Spilled sulphuric acid will modified the pH of the environment and increase solubility of some toxic metal (lead, cadmium, Hg, etc.).
- Paint and solvent ▶ Some components are soluble in water (acetone) and could increase risk of cancer.
- Antifreeze ▶ Contains ethylene glycol, soluble in water, toxic for human and animals.

1.2 Conservation of resources

- Waste oil ► Caloric values for heating greenhouse.
- Lead batteries ► Plastic shell is shreeded and recycle, lead is completely recovered.
- Paint ► Mixed with new paint and sold as recycling paint.

- Solvent ▶ Recycle by distillation and reuse - Could be added in a fuel blend for heating greenhouse.
- Antifreeze ▶ Recycle by purification and reuse.

1.3 Reduce risk of intoxication and accident (House)

- Ingestion of chemical (15,000 kids intoxicated by household hazardous chemicals per year in Quebec).
- Explosion (pressurised paint can).
- Auto-ignition of fire (thinner and paint remover).

1.4 Inform community to the impact of H.H.W. on the environment

- Segregation of H.H.W. from solid waste.
- Contribute to a cleaner environment.

2. What is a H.H.W.?

- 1% of all solid waste.
- In Quebec represents 25,000 metric tons per year.
- Generated by home activities: vehicle maintenance, house maintenance, house keeping.
- Small businesses: paint shop, car repair, and photo lab.

Should do inventory of the business in town before starting collection.

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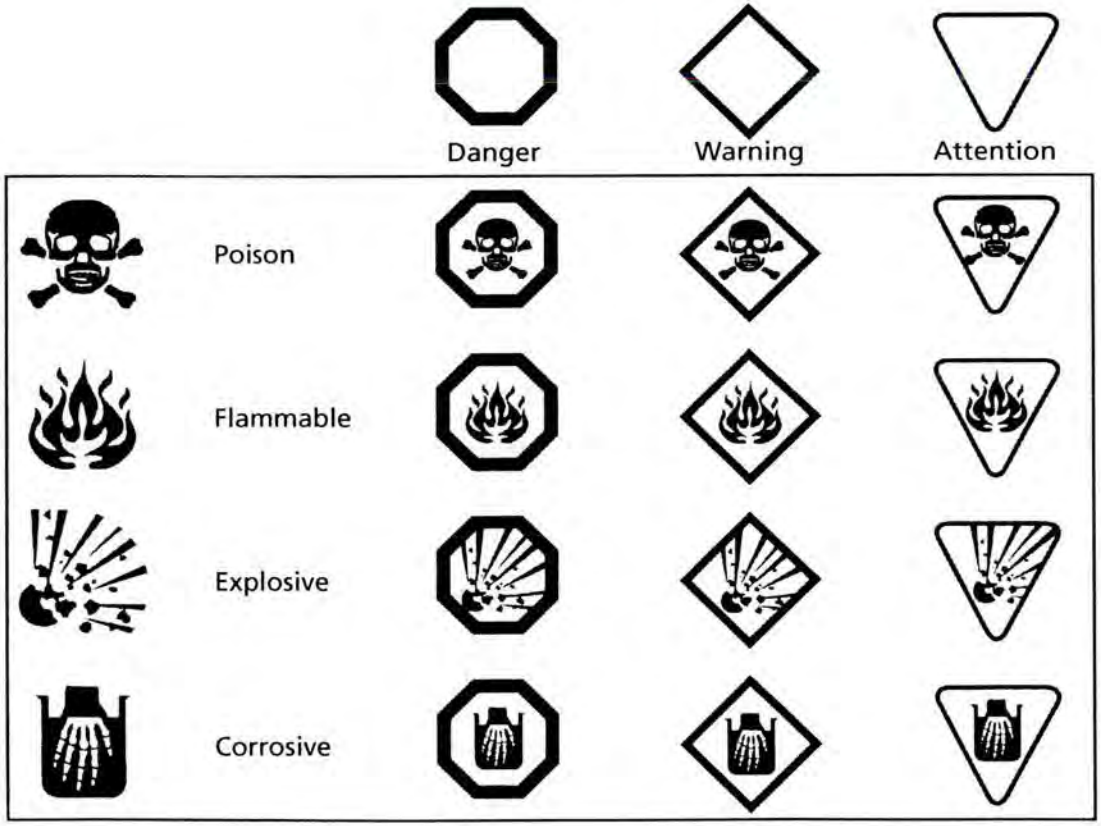
2.1 Household hazardous goods identification



2.2 Exemples of H.H.W.

LOCATION	TYPE OF H.H.W.	CHEMICAL HAZARD			
		C	F	T	E
1) Kitchen	- Ammonia	X		X	
	- Furniture wax		X	X	
	- Oven cleaner	X		X	
	- Sewage pipe cleaner	X			

2.2 Exemples of H.H.W.

LOCATION	TYPE OF H.H.W.	CHEMICAL HAZARD			
		C	F	T	E
2) Washroom	- Alcohol (isopropanol)			X	
	- Hair colouring			X	
	- Nail remover	X	X	X	
	- Drugs			X	
	- Cabinet cleaner	X		X	
	- Peroxyde	X			

2.2 Exemples of H.H.W.

LOCATION	TYPE OF H.H.W.	CHEMICAL HAZARD			
		C	F	T	E
3) Washing machine	- Softner	X			
	- Detergent	X			
	- Javex	X		X	

2.2 Exemples of H.H.W.

LOCATION	TYPE OF H.H.W.	CHEMICAL HAZARD			
		Cancer	Flamable	Toxic	Explosive
4) Others	- Glue		X	X	
	- Paint remover	X	X	X	
	- Oil paint	X	X		
	- Latex	X			
	- Wood preservative			X	
	- Small batteries (Ni, Cd)			X	
	- Aerosol		X		X
	- Propane		X		X

2.2 Exemples of H.H.W.

LOCATION	TYPE OF H.H.W.	CHEMICAL HAZARD			
		C	F	T	E
5) Vehicule maintenance	- Antifreeze		X	X	
	- Car battery	X	X	X	
	- Waste oil		X	X	

2.3 Classification and segregation of H.H.W.

A) Acid
B) Alkaline
C) Waste oil
D) Paint (alkyd and latex)
E) Small batteries
F) Vehicle battery
G) Pesticide

H) Solvent } chlorinated (Pentox)
not chlorinated (Varsol)

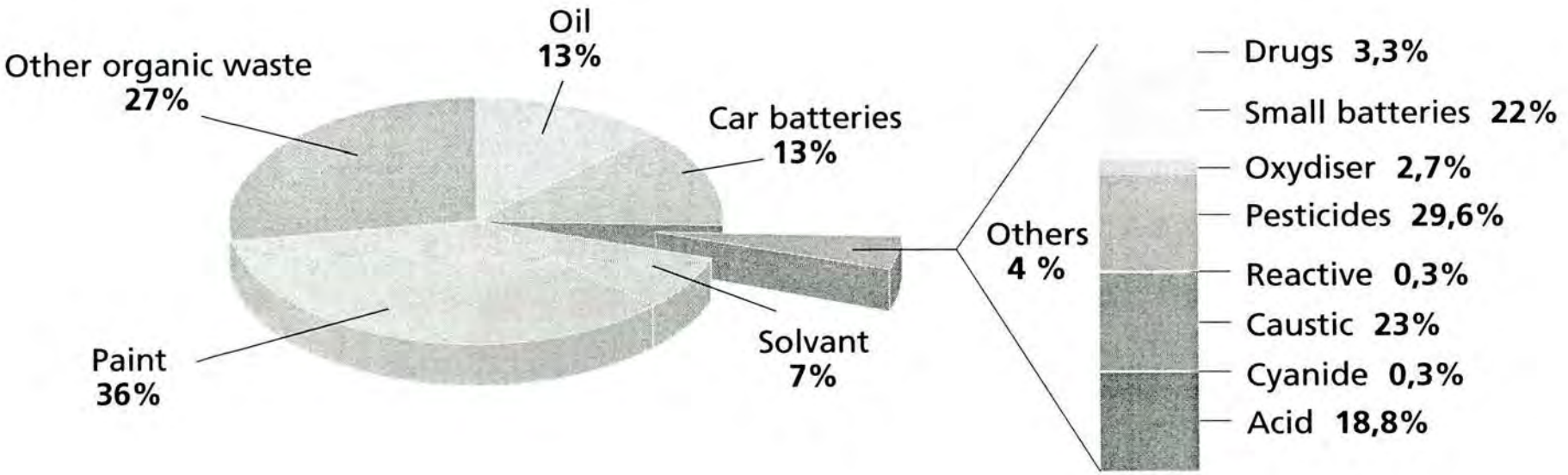
I) Aerosol

J) Pressurised gas

K) Cyanide

L) Organic
(glue, mastic, roof sealant, etc.)

2.4 Usual proportion of H.H.W. collected



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- Waste oil
- Paint
- Car batteries
- Solvent
- Antifreeze

} **75% of H.H.W.**

These should be priority to start

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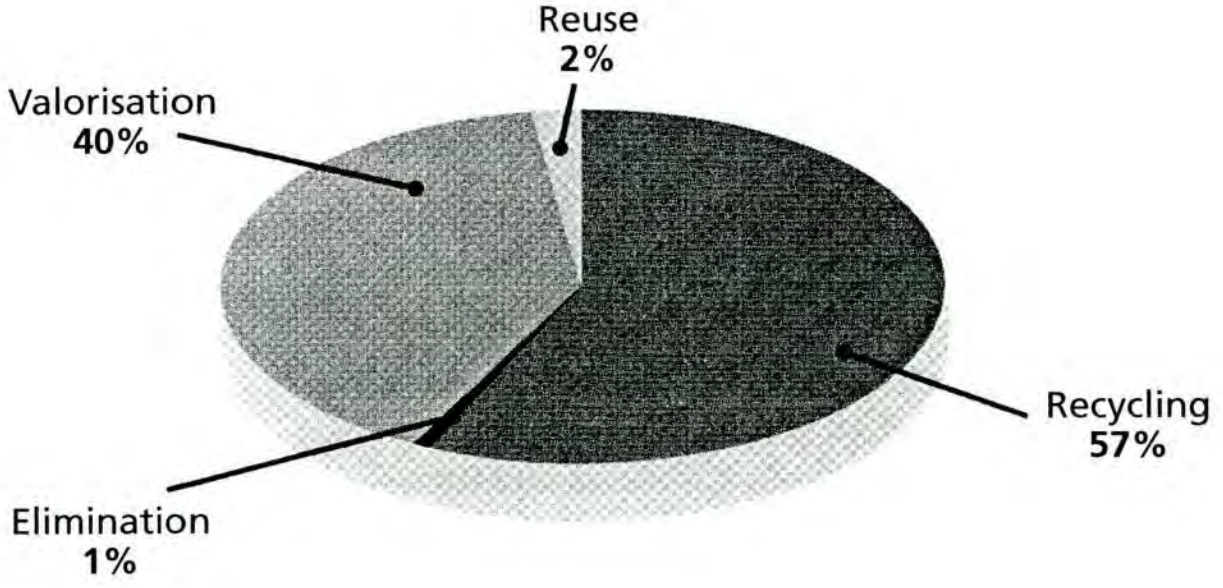
2.5 Management of H.H.W. after collection



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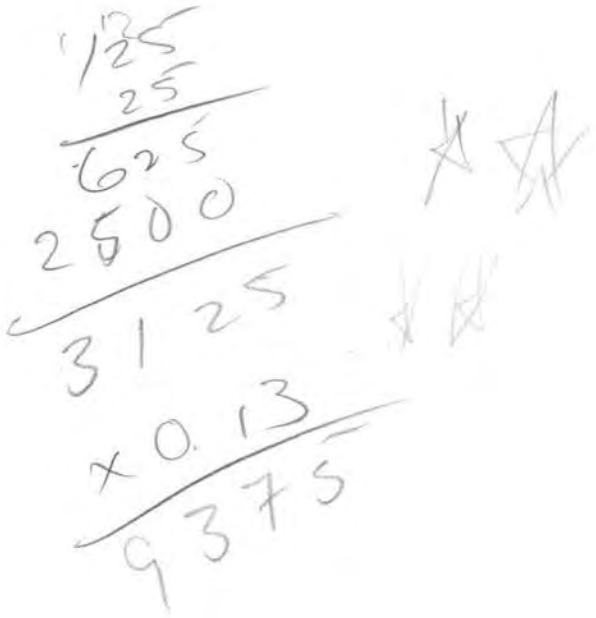
2.6 Some statistics related to participation and volume of H.H.T. collected

- 2-8% of total residence in large city.
- 20-25 kg/participant (could be higher first year).
- Participation is higher with smaller community (up to 50%).


125
25
625
2500
3125
x0.13
9375

Exercise

- Community of 200 residences.
- What is the volume of H.H.W. collectes could you expected for :
  - waste oil? 13%
  - paint? 36%
  - automobile batteries? 13%

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3. Collection of H.H.W.

3.1 Which way is the best to collect H.H.W.?

3.1.1 Collection day

- Could be done one or a few times a year
  - do not require permanent crew;
  - each collection is previously announced: location, date, type of H.H.W. collected;

- Glass jars
- Plastic jars.
- Batteries.

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- easier to control the amount and type of H.H.W. collected;
- people should keep their H.H.W. for a longer time in their house.

3.1.2 Permanent collection

- **Identified site where people can leave their H.H.W. at any time.**
  - will increase the amount of H.H.W. collected;
  - H.H.W. will be removed faster from house reducing potential accident;

- require permanent or semi permanent crew to sort and package H.H.W.
- much harder to control the amount and type of H.H.W. collected.

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3.2 Best location for collection and storage of H.H.W.

- Central (municipal garage).
- Limited access area (fence).
- Collection and storage away from:
  - school or playground;
  - hospital;
  - house;

- sensitive ecosystem (river, lake, etc.);
- water wells;
- busy road;
- wind direction.

4. Collection of H.H.W.
(material and equipment)

4.1 Site

- Plastic membrane covering handling area.
- Solid waster container.
- Tables.

4.1.2 Sign

- Vehicle and resident entrance.
- Authorized personal only (working zone).
- No smoking.

4.1.3 Statistic

- Number of residence represented.
- First visit, second visit, etc.
- Calculate the participation rate.

$$\frac{\text{Number of residence collected}}{\text{Total number of residence}}$$

4.1.4 Health and safety

- Workers ► PVC glove, safety glass, safety boots, coverall, and organic acid vapour mask.
- Extinguisher.
- pH indicator.

- Spill kit ▶ Sorbent pad, boom, plastic drums, bags, shovel.
- First aid kit.
- Eye washer.

4.2 H.H.W. handling and packaging material

4.2.1 Handling

- drum carrier;
- pallets for lead batteries;
- forklift;
- tool box;
- tape;
- permanent ink pencil.

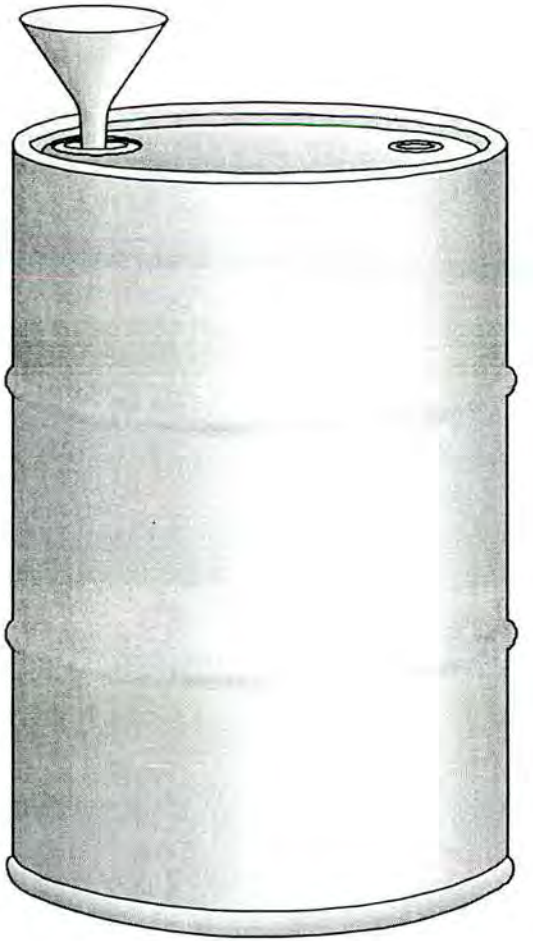
4.2.2 Packaging waste

- open top drum for solid;
- close top drum for liquid;
- labels;
- wrangler bag (paint and battery): WW2;
- vermiculite;
- storage containers (seacan);
- placards;
- funnel (bulking liquid);
- waste registration form.

5. H.H.W.

5.1 Waste oil

Engine oil
Transmission oil
Gearbox oil
Lubricating oil



Transformer oil or capacitor oil → Never mix with other waste oil (PCB contamination)

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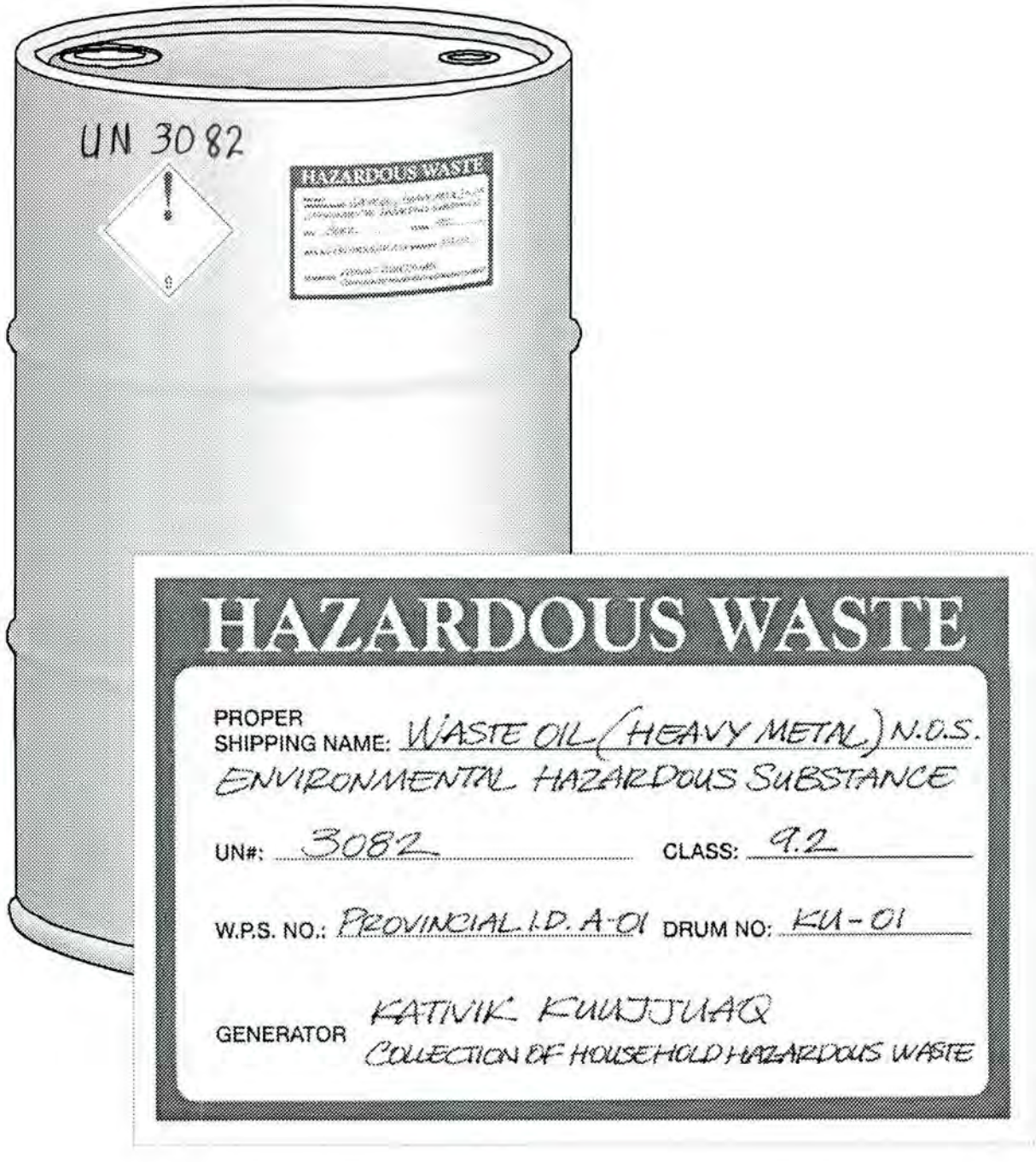
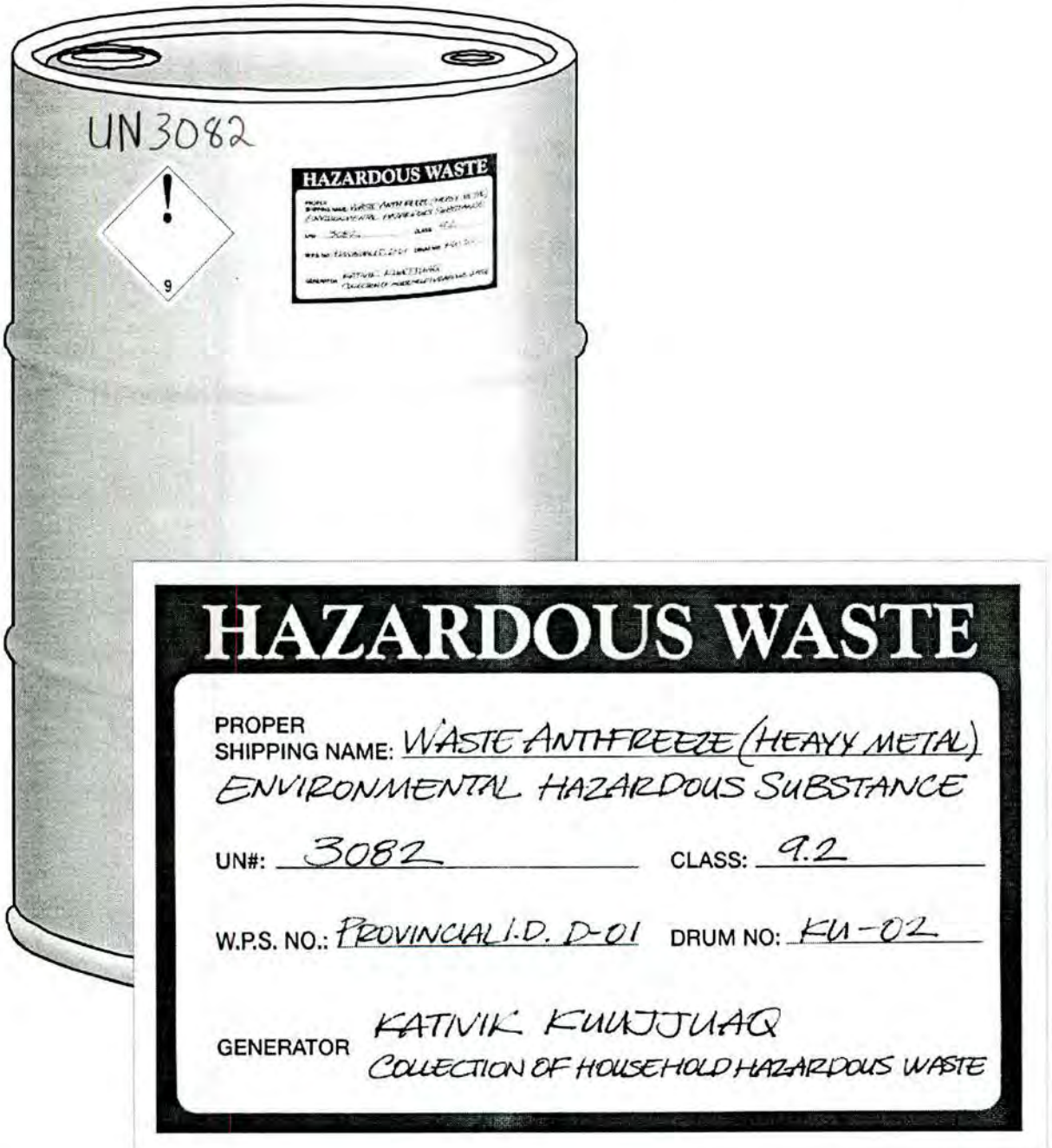
5.1.1 Labelling of waste oil



5.2 Waste antifreeze

- Bulking in close top drum

5.2.1 Labelling of waste antifreeze



5.3 Waste paint *(other than spray)*

- Paint cans (gallon and litre) stores and shipped inside a waste wrangler WW-2 (double liner)
max weight 750 kg·

HAZARDOUS WASTE

PROPER SHIPPING NAME: WASTE PAINT

UN#: 1263 CLASS: 3

W.P.S. NO.: PROVINCIAL I.D. B-09 DRUM NO: KK-07

GENERATOR KATIVIK KUUJJUAQ
COLLECTION OF HOUSEHOLD HAZARDOUS WASTE

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5.4 Acid baril

Open top Drum.

- **Exemple:**
  - Muriatic acid
  - Rust remover
  - Lysol
  - Sanfax
  - Sani flush
  - Sani foam
  - Silver clean

HAZARDOUS WASTE

PROPER SHIPPING NAME: WASTE CORROSIVE LIQUID N.O.S. ACID

UN#: UN 1760 CLASS: 8 P.G. I

W.P.S. NO.: PROVINCIAL I.D. 6-01 DRUM NO: KU-03

GENERATOR KATIVIK KUUJJUAQ
COLLECTION OF HOUSEHOLD HAZARDOUS WASTE

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5.5 Base, alcali, caustic

Open Top Drum.

- **Exemple:**
- Drano
- Fantastik
- Oven cleaner
- Photo development
- Javex

HAZARDOUS WASTE

PROPER SHIPPING NAME: WASTE CORROSIVE LIQUID N.O.S. BASE

UN#: 1760 CLASS: 8 P.G. I

W.P.S. NO.: PROVINCIAL I.D. H-01 DRUM NO: KU-04

GENERATOR KATIVIK KUUJJUAQ
COLLECTION OF HOUSEHOLD HAZARDOUS WASTE

5.6 Solvant (flammable)

- **Exemple:**
  - Varsol
  - Thinner
  - Naphta
  - Kerosen
  - Acetone

HAZARDOUS WASTE

PROPER SHIPPING NAME: WASTE FLAMMABLE LIQUID N.O.S.

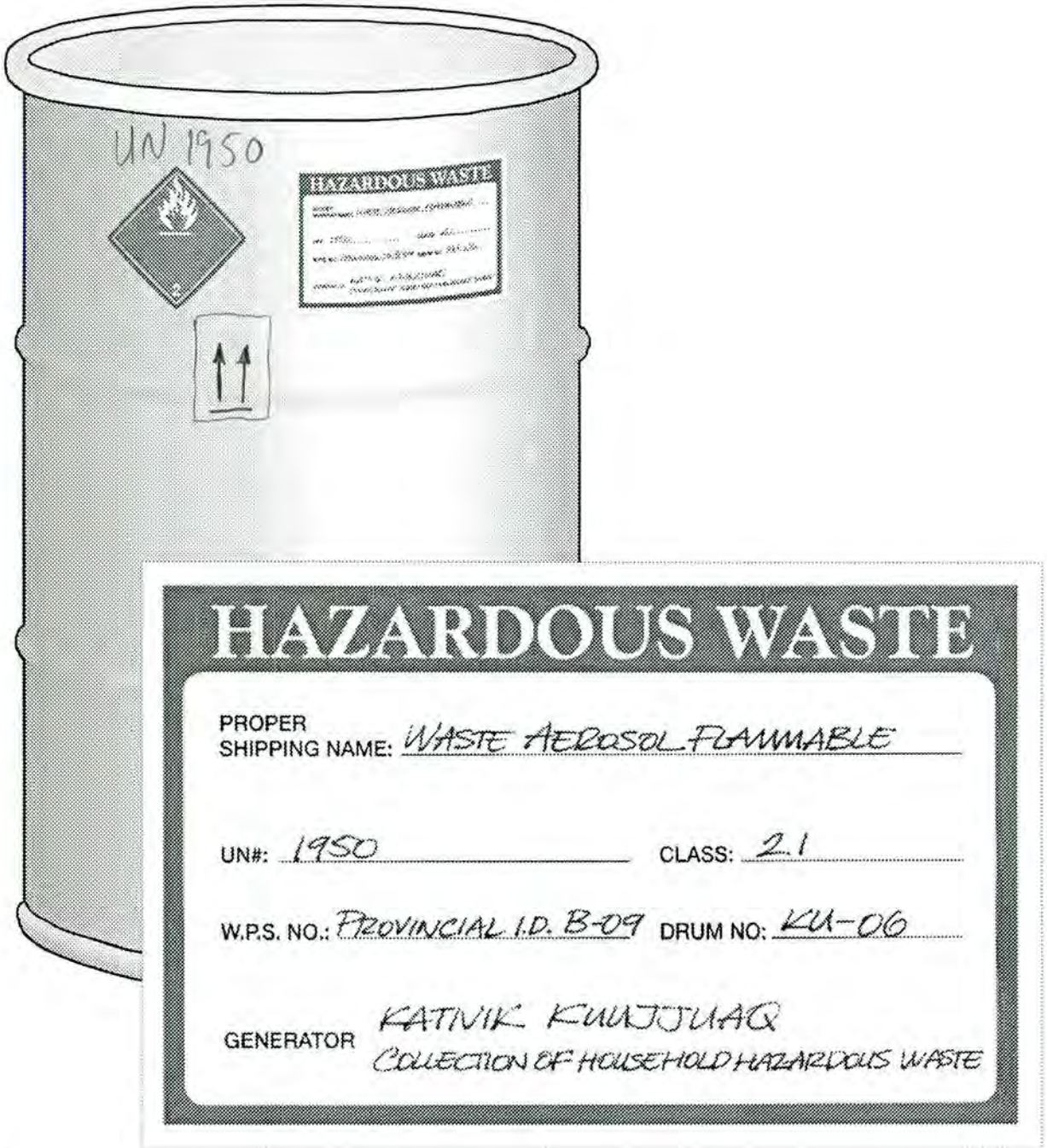
UN#: 1993 CLASS: 3 P.G. ~~II~~ I

W.P.S. NO.: PROVINCIAL I.D. C02 DRUM NO: KU-05

GENERATOR KATIVIK KUUJJUAQ
COLLECTION OF HOUSEHOLD HAZARDOUS WASTE

5.7 Aerosol (Paint, spray can)

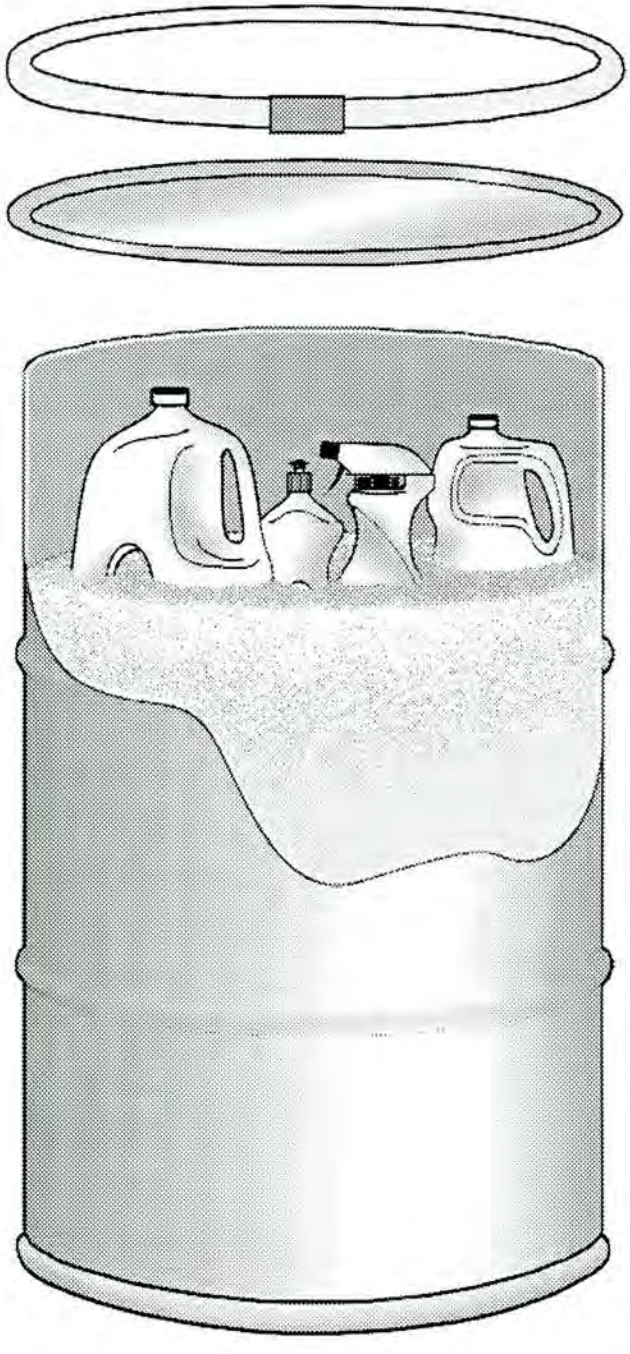
Open top Drum.



5.8 How to prepare a lab pack

- Procedure for grouping small recipient of hazardous chemical in a single container
- H.H.W. of same classification or same chemical characteristic
- Use an open top drum or a 20 litre pail with a lid
- Make sure that all recipient are well sealed
- Group all the recipient containing compatible chemical
- Take the inventory of each product prior to store it into the drum

- Fill the free space (between recipients) with vermiculite to reduce risk of shock



5.9 Waste batteries

- Container type WW II 1/2
- Size 36' x 36' x 18'
- Capacity 1500 lbs or ≈ 700 kg
- Approved U.N. Group II

HAZARDOUS WASTE

PROPER SHIPPING NAME: WASTE BATTERIES, WET, Filled with acid.

UN#: 2794 CLASS: 8

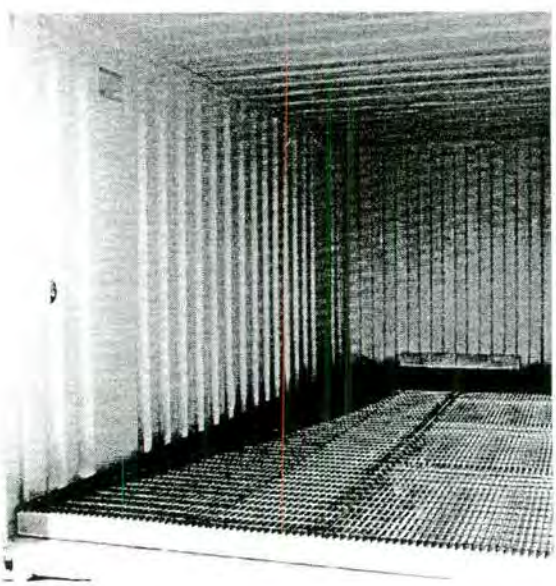
W.P.S. NO.: PROVINCIAL I.D. E-15 DRUM NO: KU-08

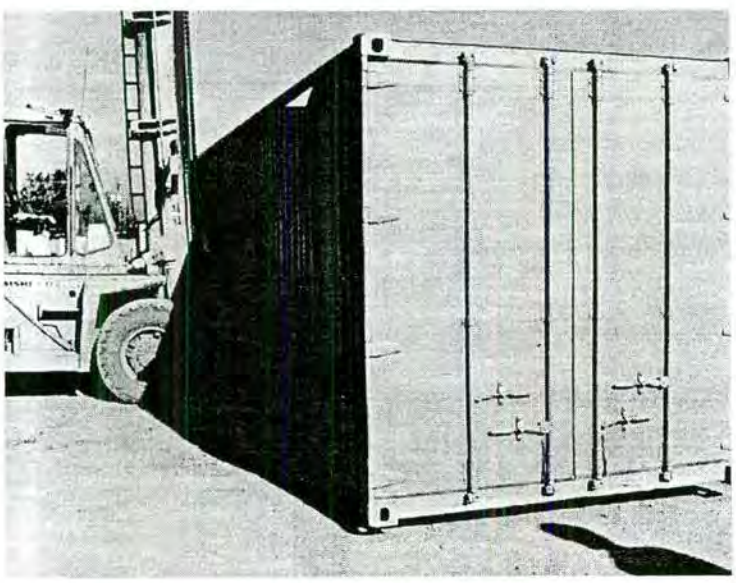
GENERATOR KATIVIK KUUJJUAQ
COLLECTION OF HOUSEHOLD HAZARDOUS WASTE

6. Storage of H.H.W.

6.1 Seacan

- Dimension 20' x 8' x 8'
- Spill pan capacity 1 500 litres
- Grated floor
- Aeration approved ULC
- Side anchoring for fixing waste
- Weight 2 050 kg
- Total capacity 12 000 kg





6.2 Waste inventory record

TYPE OF WASTE	CODE	PROVINCIAL ID	DATE OF STORAGE	DATE OF DISPOSAL
Waste oil	Ku-01	A-01	15/10/00	-
Waste antifreeze	Ku-02	D-01	17/06/00	18/09/00
Waste Batteries	Ku-03	E-15	17/06/00	18/09/00

6.3 Provincial Waste Identification

- Règlement sur les matières dangereuses

Activités économiques	Code d'activité économique
Industrie de la fabrication des produits métalliques (sauf industrie de la machinerie et du matériel de transport)	Grand groupe 30
Industrie de la machinerie (sauf électrique)	Grand groupe 31
Industrie du matériel de transport	Grand groupe 32
Industrie des produits électriques et électroniques	Grand groupe 33
Industrie des produits minéraux non métalliques	Grand groupe 35
Industrie des produits du pétrole et du charbon	Grand groupe 36
Industrie chimique	Grand groupe 37
Industrie de la bijouterie et orfèvrerie	3921 et 3922
Transports (sauf services de limousines aux aéroports et gares, taxis et autres transports)	Grand groupe 45 sauf 4575, 4581 et 4589
Production et distribution d'électricité	4911
Distribution de gaz	4921
Télégraphie et téléphonie	4821 et 4822

Activités économiques	Code d'activité économique
Les activités économiques visées c dessus sont celles qui sont définie dans le document «Classification de activités économiques du Québec publié par le Bureau de la statistiqu du Québec en 1990.	

[¶212 818]

ANNEXE 4

(art. 11, 104, 106, 110, 113, 118, 119, 131, 132, 135, 136 et 137)

CATÉGORIES ET IDENTIFICATION DES MATIÈRES DANGEREUSES

SECTION 1

CATÉGORIES DE MATIÈRES DANGEREUSES

Code	Catégorie
	Huiles et graisses mine rales ou synthétiques
A01	Huiles usées dont la concentration en BPC ≤ 3 mg/kg
A02	Huiles usées dont la concentration en BPC est > 3 mg/kg et ≤ 50 mg/kg
A03	Eaux huileuses / émulsions
A04	Graisses usées

Code	Catégorie
G03	Autres matières acides (précisez)
	Matières dangereuses caustiques (pH > 12,5)
H01	Liquides ou boues alcalines inorganiques
H02	Liquides ou boues alcalines organiques
H03	Autres matières alcalines (précisez)
	Matières et objets contenant des BPC ou contaminés par des BPC
J01	Liquides contenant des BPC à une concentration comprise entre 50 mg/kg et 10 000 mg/kg (1 %)
J02	Liquides contenant des BPC à une concentration supérieure ou égale à 10 000 mg/kg (1 %)
J03	Solides contenant des BPC à une concentration comprise entre 50 mg/kg et 10 000 mg/kg (1 %)
J04	Solides contenant des BPC à une concentration supérieure ou égale à 10 000 mg/kg (1 %)
J05	Substances contenant des BPC à une concentration comprise entre 50 mg/kg et 10 000 mg/kg (1 %)
J06	Substances contenant des BPC à une concentration supérieure ou égale à 10 000 mg/kg (1 %)
J07	Équipement contenant des BPC
J08	Équipement contaminé par des BPC
J09	Pièce métallique à nu contaminée par des BPC
	Matières dangereuses provenant d'un laboratoire
K01	Laboratoire de recherche ou de développement industriel ou commercial
K02	Laboratoire d'un établissement d'enseignement
K03	Autres sources (précisez)
	Matières dangereuses contaminées
L01	Équipements contaminés
L02	Contenants contaminés
L03	Autres matières contaminées

Code	Catégorie
	Solides et boues organiques
B01	Résidus de distillation, de raffinage ou de pyrolyse de composés organiques halogénés
B02	Résidus de distillation, de raffinage ou de pyrolyse de composés organiques non halogénés
B03	Boues de sédimentation ou de décantation d'hydrocarbures
B04	Résidus de produits pétroliers et d'hydrocarbures
B05	Solides ou boues organiques générés par le traitement des eaux de procédé ou des eaux usées
B06	Boue de décantation de l'industrie de la préservation du bois et produits hors d'usage
B07	Boues et résidus de préparation pharmaceutique et produits hors d'usage
B08	Boues et résidus solides de la production de pesticides et produits hors d'usage (> 200 kg ou 200 L)
B09	Boues et résidus de la formulation et de l'utilisation d'encre, de peinture, de colorants, de laques et vernis
B10	Boues des opérations de cokéfaction
B11	Boues et résidus de la mulation et de l'utilisa de résidus, latex plasti fiants, colles, adhésifs polymères
B12	Boues et résidus des o rations de décarburati et décalaminage
B13	Autres boues et solide organiques non spécifi autrement (précisez)
	Solvants organiques
C01	Solvants organiques h génés (halogènes orga niques totaux > 0,15 %
C02	Solvants organiques n halogénés (halogènes niques totaux ≤ 0,15 %
C03	CFC utilisé comme sol et nettoyeur
	Solutions organique
D01	Antigels, fluides de fr et hydraulique
D02	Autres solutions orga niques (précisez)
	Solides et boues inc niques
E01	Boues des opérations traitement et revêtem de surface non spécifi autrement
E02	Catalyseurs usés

Code	Catégorie
E03	Boues et résidus contenant des métaux
E04	Poussières métalliques
E05	Sels métalliques de trempage ou non
E06	Sels non métalliques de trempage ou non
E07	Anodes et cathodes usés
E08	Cendres
E09	Laitiers, écumes, écailles, gâteaux provenant de la production primaire des métaux
E10	Scories
E11	Sables de fonderie
E12	Filtres et matières filtrantes
E13	Solides, poussières ou boues générés par les systèmes d'épuration d'air
E14	Solides ou boues inorganiques générés par les systèmes d'épuration des eaux de procédé ou des eaux usées
E15	Batteries au plomb
E16	Batteries et autres accumulateurs
E17	Boues et résidus de la production, la formulation et l'utilisation de pigments inorganiques
E18	Boues de fluorure de calcium
E19	Sable de décapage usé
E20	Gypse issu de procédés industriels
E21	Verres activés (tubes cathodiques et autres)
E22	Autres boues et solides inorganiques non spécifié autrement (précisez)
	Solutions aqueuses inorganiques
F01	Solutions usées de traitement et de revêtement de surface non spécifiées autrement
F02	Solutions et saumures contenant des cyanures, des sulfures, des nitrures
F03	Autres solutions inorganiques et saumures aqueuses (précisez)
	Matières dangereuses acides (pH < 2)
G01	Liquides ou boues acides organiques
G02	Liquides ou boues acides inorganiques

Code	Catégorie
	Autres matières dangereuses
M01	Préparations pharmaceutiques, médicaments et cosmétiques hors d'usage
M02	Boues et résidus de tanneries
M03	Matières explosives non spécifiées autrement
M04	Matières radioactives non spécifiées autrement
M05	Boues de récurage et de décontamination de réservoirs et contenants non spécifiées autrement
M06	Résines échangeuses d'ions hors d'usage
M07	Autres matières non spécifiées autrement (précisez)
	Mélanges (catégories réservées aux titulaires de permis visés à l'article 70.9 de la Loi sur la qualité de l'environnement)
N01	Mélange acide
N02	Mélange acide à réduire
N03	Mélange neutre
N04	Mélange alcalin
N05	Mélange alcalin/neutre à réduire
N06	Mélange à oxyder
N07	Mélange oxydant
NO8	Combustible à faible valeur calorifique
N09	Combustible à faible valeur calorifique, halogéné
N10	Combustible à haute valeur calorifique
N11	Combustible à haute valeur calorifique, halogéné
N12	Mélange de solvants organiques
N13	Mélange de solutions organiques
N14	Mélange de boues et solides organiques
N15	Mélange de boues et solides inorganiques
N16	Mélange de solides organiques et inorganiques
	Autres matières composant un mélange (catégories réservées aux titulaires de permis visés à l'article 70.9 de la Loi sur la qualité de l'environnement)
O01	Sols contaminés
O02	Matières non dangereuses

7. Transport & Disposal Facilities

7.1 Carriers
7.2 Transfer Station
7.3 Destruction Facilities
7.4 Recycling

Ship.

IMO DANGEROUS GOODS DECLARATION

This form meets the requirements of SOLAS 74 chapter VII, regulation 5, MARPOL 73/78 Annex III, regulation 4 and the IMDG Code, General Introduction, section 9

Shipper 1 KATIVIK REGIONAL GOVERNMENT P.O. BOX 9 KUUJJUAQ (QUEBEC) J0M 1C0	Reference number(s) 2 N/A
Consignee 3 ONYX INDUSTRIES 2630, BOUL. INDUSTRIEL CHAMBLY (QUEBEC) J3L 4V2	Carrier 4 CROSBY SHIPPING
Container packing certificate/vehicle declaration **DECLARATION** It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 **TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES**	Name/status, company/organization of signatory 5 KATIVIK Place and date: KUUJJUAQ Signature on behalf of packer
Ship's name and voyage No.: Lady Franklin / Port of loading: Kuujjuaq 6 Port of discharge 8: Montreal	(Reserved for text, instructions or other matter) 7 COLLECTION OF HOUSEHOLD HAZARDOUS WASTE

Transfer Station

Marks & Nos.	Number and kind of packages; proper shipping name; class; UN number	Gross mass (kg)	Goods delivered as: 9
6 DRUMS	ENVIRONMENTAL HAZARDOUS SUBSTANCES N.O.S. (WASTE OIL, HEAVY METAL) U.N. 3082 CLASS 9.2	1200 kg	[ ] Breakbulk cargo [ ] Unitized cargo [ ] Bulk packages
2 WRANGLER BAGS ON PALLETS	WASTE BATTERIES, WET FILLED WITH ACID U.N. 2794 CLASS 8	1500 kg	[ ] Open [ ] Closed
2 DRUMS	ENVIRONMENTAL HAZARDOUS SUBSTANCES N.O.S. (WASTE ANTIFREEZE, HEAVY METAL) U.N. 3082 CLASS 9.2	400 kg	

ADDITIONAL INFORMATION 10

DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s) and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	Name/status, company/organization of signatory 11 KATIVIQ Place and date: KUUJJUAQ Signature on behalf of shipper: [signature]

STYLE IMO-96, INTERNATIONAL COMPLIANCE CENTER — MISSISSAUGA, ONTARIO — NIAGARA FALLS, NEW YORK/HOUSTON, TX — Printed in Canada

Stabilis

SERVICES ENVIRONNEMENTAUX
LAIDLAW (QUÉBEC) LTÉE.
400 GALIPEAU, RANG 5 EST
THURSO (QUÉBEC)
J0X 3B0

STRAIGHT BILL OF LADING
CONNAISSEMENT
ORIGINAL
NOT NEGOTIABLE/NON NÉGOCIABLE

Shipper No. / N° de l'expéditeur: 478600

Carrier No. / N° du transporteur:

ONYX INDUSTRIES

Date: 20/10/00

TO/À: Consignee/Consignataire

FROM/DE: Shipper/Expéditeur: KATIVIK

Street/Rue:

Destination: Postal Code/Code postal: Origin/Origine:

Route: Vehicle No. / N° du véhicule:

No. of Units & Container Type / N° des unités & sorte de récipient	HM	DESCRIPTION AND/ET CLASSIFICATION	TOTAL QUANTITY / QUANTITÉ TOTALE	WEIGHT / POIDS	RATE / TAUX	CHARGES / FRAIS
6 DRUMS	✓	ENVIRONMENTAL HAZARDOUS SUBSTANCES N.O.S (Waste oil, Heavy Metal) U.N. 3082 CLASS 9.2 PROV. I.D. A-01		1200 kg		
2 WEAVER BAGS		WASTE BATTERIES, WET, FILLED WITH ACID U.N. 2794 CLASS 8 PROV. I.D. E-15		1500 kg		
2 DRUMS		ENVIRONMENTAL HAZARDOUS SUBSTANCE N.O.S (Waste antifreeze, Heavy Metal) U.N. 3082 CLASS 9.2 PROV. I.D. D-01		400 kg		

PLACARDS/PLAQUES

IN CASE OF TRANSPORTATION EMERGENCY CALL / N° DE TEL. EN CAS D'URGENCE: 1 819-956-6666

REMIT C.O.D. TO / VERSEMENT DES SOMMES PAYÉES À LA LIVRAISON

ADDRESS/ADRESSE

PAYABLE À LA LIVRAISON
COD Amt./Montant $

SHIPPER / EXPÉDITEUR: KATVIK	CARRIER / TRANSPORTEUR: ONYX	CONSIGNEE / CONSIGNATAIRE: ONYX
PER/PAR: [signature]	PER/PAR: [signature]	PER/PAR: [signature]
DATE: 15/10/00	DATE: 20/10/00	DATE: 20/10/00

1

STYLE F85 BIL.
I.C.C. LTD.
DORVAL, QUEBEC H9P2T8

ORIGINAL — NOT NEGOTIABLE / NON NÉGOCIABLE

04/95

Stabilis

8. Emergency Response

8.1 Phone Number

- Local emergency department
- MENVQ Rouyn (819) 763-3333
- Canutec (613) 996-6666

8.2 Spill

8.3 Fire

9. Chemical Hazards

9.1 Chemical Compatibility ▶ Three main pairs of hazard that must be segregated

9.2 Acid and Bases

- Will cause violent reaction and could liberate toxic gas and heat; ex.: Lysol (sodium hydroxide) and Fantastik (hydrochloric acid)

9.3 Oxidizers and Flammable

- Chlorine and Varsol
- Hydrogen peroxide

9.4 Water Reactive

- Sodium salt
- Acid in water: OK
- Water in acid: bad

10. MSDS of Some H.H.W.

- Engine oil
- Antifreeze
- Batteries
- Varsol

BASF -- 340-2 ANTIFREEZE, 581783 - PERMANENT ANTIFREEZE, ENGINE COOLANT
MATERIAL SAFETY DATA SHEET
NSN: 685000F005429
Manufacturer's CAGE: 0PK40
Part No. Indicator: A
Part Number/Trade Name: 340-2 ANTIFREEZE, 581783

==========

General Information

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Item Name: PERMANENT ANTIFREEZE, ENGINE COOLANT
Company's Name: BASF CORP
Company's Street: 100 CHERRY HILL RD BLDG 119-2
Company's City: PARSIPPANY
Company's State: NJ
Company's Country: US
Company's Zip Code: 07054
Company's Emerg Ph #: 201-263-3400
Company's Info Ph #: 201-263-3400 OR 201-316-3000
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 09MAY88
Safety Data Review Date: 26AUG92
Preparer's Company: BASF CORP
Preparer's St Or P. O. Box: 100 CHERRY HILL RD BLDG 119-2
Preparer's City: PARSIPPANY
Preparer's State: NJ
Preparer's Zip Code: 07054
MSDS Serial Number: BBSMF

==========

Ingredients/Identity Information

==========

Proprietary: NO
Ingredient: ETHYLENE GLYCOL, GLYCOL
Ingredient Sequence Number: 01
Percent: 94%
NIOSH (RTECS) Number: KW2975000
CAS Number: 107-21-1
ACGIH TLV: C 127 MG/CUM
Other Recommended Limit: 10 MG/CUM

Proprietary: NO
Ingredient: POTASSIUM PHOSPHATE, DIBASIC *92-2*
Ingredient Sequence Number: 02
Percent: <2%
NIOSH (RTECS) Number: 1002091KP
CAS Number: 7758-11-4

Proprietary: NO
Ingredient: SODIUM NITRATE
Ingredient Sequence Number: 03
Percent: <1%
NIOSH (RTECS) Number: WC5600000
CAS Number: 7631-99-4

Proprietary: NO
Ingredient: SODIUM METASILICATE; SODIUM SILICATE; WATER GLASS; DISODIUM SALT SILIC ACID
Ingredient Sequence Number: 04
Percent: <0.5%
NIOSH (RTECS) Number: VV9275000
CAS Number: 6834-92-0

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 05
Percent: <4%
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5

Proprietary: NO
Ingredient: SODIUM MERCAPTOBENZOTHIAZOLE
Ingredient Sequence Number: 06
Percent: <0.5%
NIOSH (RTECS) Number: DL6825000
CAS Number: 2492-26-4

Proprietary: NO
Ingredient: 1-H-BENZOTRIAZOLE, METHYL (TTA), TOLYTRIAZOLE
Ingredient Sequence Number: 07
Percent: <0.5%
NIOSH (RTECS) Number: DM1300000
CAS Number: 29385-43-1
ACGIH TLV: NONE

Physical/Chemical Characteristics

Appearance And Odor: GREEN DYED LIQUID W/GLYCOL ODOR.
Boiling Point: 330F
Vapor Pressure (MM Hg/70 F): 18
Specific Gravity: 1.135
Solubility In Water: INFINITE
pH: 9-11

Fire and Explosion Hazard Data

Flash Point: 250F
Flash Point Method: COC
Extinguishing Media: WATER FOG, ALCOHOL FOAM, CO2, DRY CHEMICAL
Special Fire Fighting Proc: FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS & TURNOUT GEAR.
Unusual Fire And Expl Hazrds: VAPORS FROM HEATED (>FLASH POINT) PRODUCT MAY TRAVEL TO A SOURCE OF IGNITION & FLASH BACK. MODERATE EXPLOSION HAZARD WHEN EXPOSED TO FLAME.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): FLAME
Hazardous Poly Occur: NO

Health Hazard Data

LD50-LC50 Mixture: ORAL LD50 (RAT): 13.8 ML/KG
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
RESPIRATORY TRACT IRRITATION, UNCONSCIOUSNESS, INCREASE LYMPHOCYTE COUNTS, LIVER DEGENERATION & SEVERE RENAL DAMAGE. INGESTION: ACUTE POISONING, ABDOMINAL DISTURBANCES, CNS DEPRESSION, RESPIRATORY OR RENAL FAILURE.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: EYES/SKIN: IRRITATION. INHALATION: RESPIRATORY

TRACT IRRITATION, UNCONSCIOUSNESS, INCREASE LYMPHOCYTE COUNTS, LIVER DEGENERATION & SEVERE RENAL FAILURE. INGESTION: ACUTE POISONING, ABDOMINAL DISTURBANCES, CNS DEPRESSION, RESPIRATORY OR RENAL FAILURE.
Emergency/First Aid Proc: EYES: FLUSH W/FLOWING WATER AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: INDUCE VOMITING. NEVER GIVE FLUIDS OR INDUCE VOMITING IF THE VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS. INHALATION: REMOVE TO FRESH AIR. AID IN BREATHING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: CONTAIN, SOLIDIFY & PLACE IN SUITABLE CONTAINERS FOR DISPOSAL. CLEAN UP AS QUICKLY AS SPILLS ARE A SLIPPING HAZARD. WASH AWAY SMALL AMOUNTS W/COOL WATER. ABSORB LARGE AMOUNTS W/ ABSORBENT MATERIAL OR DIKE & PUMP INTO DRUMS FOR DISPOSAL.
Waste Disposal Method: INCINERATE OR BURY AT LICENSED FACILITY. DON'T DISCHARGE INTO WATERWAYS. DISCHARGE TO SEWER SYSTEMS W/PRIOR APPROVALS IS ACCEPTABLE. DISPOSE CONTAINERS IN A LICENSED FACILITY. CRUSH OR OTHER MEANS TO PREVENT UNAUTHORIZED REUSE.
Precautions-Handling/Storing: KEEP CONTAINERS CLOSED. ALL LABELED PRECAUTIONS MUST BE OBSERVED WHEN HANDLING, STORING & TRANSPORTING EMPTY CONTAINERS DUE TO PRODUCT RESIDUES.
Other Precautions: DON'T REUSE THIS CONTAINER UNLESS IT IS PROFESSIONALLY CLEANED & RECONDITIONED. FOR INDUSTRIAL USE ONLY.

Control Measures

Respiratory Protection: IF VAPORS OR MISTS ARE GENERATED, WEAR A NIOSH/ MSHA APPROVED ORGANIC VAPOR/MIST RESPIRATOR.
Ventilation: LOCAL EXHAUST TO CONTROL VAPORS OR MISTS
Protective Gloves: RUBBER
Eye Protection: CHEMICAL GOGGLES OR FULL FACESHIELD
Other Protective Equipment: APRON, SHOES
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Transportation Data

Disposal Data

Disposal Data Action Code: A
Disposal Data Review Date: 90015
Rec # For This Disp Entry: 01
Tot Disp Entries Per NSN: 001
Landfill Ban Item: YES
Disposal Supplemental Data: MSDS DATE: 9/6/82. PH: 9-11. FOR ALUMINUM & CAST IRON GASOLINE OR DIESEL ENGINES. IN CASE OF ACCIDENTAL EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS.
1st EPA Haz Wst Name New: NOT REGULATED
1st EPA Haz Wst Char New: NOT REGULATED BY RCRA
1st EPA Acute Hazard New: NO

Label Data

Label Required: YES
Label Status: G
Common Name: 340-2 ANTIFREEZE/COOLANT, 581783
Special Hazard Precautions: INHALATION: RESP IRRITATION, UNCONSCIOUSNESS,CNS, DEPRESSION. EYE & SKIN IRRITATION.
Label Name: BASF WYANDOTTE CORP/PARISIPPANY, NJ 07054
Label Emergency Number: (201) 263-3400

SUNVIS 832 CODE R00000372100

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

REVISION DATE: 05/30/1997
UN NUMBER- N/A

PRIMARY APPLICATION- LUBRICATING OIL

MANUFACTURER- SUN COMPANY, INC.
TEN PENN CENTER
1801 MARKET STREET
PHILADELPHIA PA 19103-1699

SYNONYMS.....: LUBRICATING OIL
CAS REGISTRY NO: SEE SEC. 2
CAS NAME.....: NO CLASSIFICATION - MIXTURE
CHEMICAL FAMILY: BLEND
INFORMATION
SUPPLIER... MARIA DAYRIT
PHONE.....: (610) 859-1120

EMERGENCY PHONE NUMBERS (AFTER NORMAL BUSINESS HOURS)
SUN CO.. 1-800-964-8861
CHEMTREC. 1-800-424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

			OSHA		EXPOSURE GUIDELINES ACGIH		SUN/MFR		
COMPONENT/CAS NO.	LO%	HI%	TWA	STEL	TWA	STEL	TWA	STEL	UNIT
LIMITS FOR THE PRODUCT:			5		5				MG/M3
SEVERELY SOLVENT REFINED HEAVY PARAFFINIC PETROLEUM OIL									
64741-88-4	.00	100.0	5		5				MG/M3
ZINC DIALKYL DITHIOPHOSPHATE									
68649-42-3	.00	1.00	NO SPECIFIC LIMIT						
BUTYLATED PHENOL									
128-39-2	.00	1.00	NO SPECIFIC LIMIT						
ACRYLIC COPOLYMER									
68171-46-0	.00	1.00	NO SPECIFIC LIMIT						
HYDROTREATED HEAVY PARAFFINIC PETROLEUM OIL									
64742-54-7	.00	100.0	5						MG/M3
CALCIUM ALKYLPHENATE									
68784-26-9	.00	1.00	NO SPECIFIC LIMIT						

ADDITIONAL EXPOSURE LIMITS ---------- GOVERNMENT REGULATION
OTHER LIMIT- OIL MIST: 5 MG/M3 (OSHA PEL/ACGIH TLV)

SUNVIS 832 CODE R00000372100

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW ----------

SEE SECTION 16 FOR MORE INFORMATION.

APPEARANCE-- CLEAR FLUID ODOR-- LITTLE ODOR.

POTENTIAL HEALTH EFFECTS ----------

PRIMARY ROUTES OF ENTRY- INHALATION( ) SKIN(X) EYE( ) INGESTION( )

INHALATION ----------
NO EFFECTS EXPECTED.
SKIN ----------
PRACTICALLY NON-TOXIC IF ABSORBED (LD50 GREATER THAN 2000 MG/KG). MAY CAUSE MILD IRRITATION WITH PROLONGED OR REPEATED CONTACT.
EYE ----------
CONTACT WITH THE EYE MAY CAUSE MINIMAL IRRITATION.
INGESTION ----------
PRACTICALLY NON-TOXIC (LD50 > 15G/KG).

CARCINOGEN LISTED BY-IARC(NO) NTP(NO) OSHA(NO) ACGIH(NO) OTHER(NO)

PRE-EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-
SKIN DISORDERS

==========

4. FIRST AID MEASURES

INHALATION ----------
MOVE PERSON TO FRESH AIR.
SKIN ----------
WASH WITH SOAP AND WATER UNTIL NO ODOR REMAINS. WASH CLOTHING BEFORE REUSE.
EYE ----------
FLUSH WITH WATER.
INGESTION ----------
PRACTICALLY NON-TOXIC -- INDUCTION OF VOMITING NOT REQUIRED. OBTAIN EMERGENCY MEDICAL ATTENTION. SMALL AMOUNTS WHICH ACCIDENTALLY ENTER MOUTH SHOULD BE RINSED OUT UNTIL TASTE OF IT IS GONE.

==========

5. FIRE FIGHTING MEASURES

FLASH POINT: 380 MINIMUM COC (DEG. F); 192 MINIMUM COC (DEG. C)
AUTOIGNITION TEMP.: 670 ESTIMATED (DEG. F); 354 ESTIMATED (DEG. C)

---FLAMMABLE LIMITS IN AIR---
LOWER EXPLOSIVE LIMIT (LEL): NOT DETERMINED % VOLUME
UPPER EXPLOSIVE LIMIT (UEL): NOT DETERMINED % VOLUME

FIRE AND EXPLOSION HAZARDS ----------
CAN BE MADE TO BURN (FLASH POINT GREATER THAN 200F).

EXTINGUISHING-MEDIA ----------
WATER SPRAY. REGULAR FOAM. DRY CHEMICAL. CARBON DIOXIDE.

SPECIAL FIRE FIGHTING INSTRUCTIONS ---------
WEAR SELF-CONTAINED BREATHING APPARATUS. WEAR STRUCTURAL FIREFIGHTERS PROTECTIVE CLOTHING.

NFPA/HMIS CLASSIFICATION
HEALTH - 0 / 0
FIRE - 1 / 1
REACTIVITY - 0 / 0
PERSONAL PROTECTION INDEX - X

HAZARD RATING
0=LEAST 1=SLIGHT
2=MODERATE 3=HIGH
4=EXTREME

SPECIFIC HAZARD: NONE KNOWN

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6. ACCIDENTAL RELEASE MEASURES

CONTAIN SPILL. USE PERSONAL PROTECTIVE EQUIPMENT STATED IN SECTION 8. ADVISE EPA; STATE AGENCY IF REQUIRED. ABSORB ON INERT MATERIAL. SHOVEL, SWEEP OR VACUUM SPILL.

==========

7. HANDLING AND STORAGE

NFPA CLASS IIIB STORAGE. WASH THOROUGHLY AFTER HANDLING.

==========

8. EXPOSURE CONTROL / PERSONAL PROTECTION

CONSULT WITH A HEALTH/SAFETY PROFESSIONAL FOR SPECIFIC SELECTION.

VENTILATION ----------

VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE LIMIT. MECHANICAL VENTILATION RECOMMENDED.

PERSONAL PROTECTIVE EQUIPMENT ----------

EYE ----------

SPLASH PROOF CHEMICAL GOGGLES RECOMMENDED TO PROTECT AGAINST SPLASH OF PRODUCT.

GLOVES ----------

PROTECTIVE GLOVES RECOMMENDED WHEN PROLONGED SKIN CONTACT CANNOT BE AVOIDED. THE FOLLOWING GLOVE MATERIALS ARE ACCEPTABLE: POLYETHYLENE; NEOPRENE; NITRILE; VITON;

RESPIRATOR ----------

CONCENTRATION-IN-AIR DETERMINES PROTECTION NEEDED. USE ONLY NIOSH CERTIFIED RESPIRATORY PROTECTION. RESPIRATORY PROTECTION USUALLY NOT NEEDED UNLESS PRODUCT IS HEATED OR MISTED.

OTHER ----------

IF CONTACT IS UNAVOIDABLE, WEAR CHEMICAL RESISTANT CLOTHING. THE FOLLOWING MATERIALS ARE ACCEPTABLE AS PROTECTIVE CLOTHING MATERIALS: POLYETHYLENE; NEOPRENE; NITRILE; VITON; POLYURETHANE; LAUNDER SOILED CLOTHES.

SUNVIS 832 CODE R00000372100

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9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT.....: HIGH WITH (DEG. F) _____ WIDE RANGE (DEG. C)
MELTING POINT.....: N/A (DEG. F) _____ N/A (DEG. C)
SPECIFIC GRAVITY....: 0.86 (WATER=1)
PACKING DENSITY.....: N/A (KG/M3)
VAPOR PRESSURE.....: < 0.0001 (MM HG @ 20 DEG C)
VAPOR DENSITY.....: 10+ (AIR=1)
SOLUBILITY IN WATER.: NIL (% BY VOLUME)
PH INFORMATION.....: N/A. AT CONC. N/A G/L H2O
% VOLATILES BY VOL..: NIL
EVAPORATION RATE....: 1000X SLOWER (ETHYL ETHER=1)
OCTANOL/WATER COEFF.: N.D.
APPEARANCE.....: CLEAR FLUID
ODOR.....: LITTLE ODOR.

ODOR THRESHOLD.....: N.D. (PPM)
VISCOSITY.....: 165 SUS @ 100 DEG F ... 32.0 CST @ 40 DEG C
MOLECULAR WEIGHT....: N/A (G/MOLE)

10. STABILITY AND REACTIVITY

STABILITY ----------
STABLE.
INCOMPATIBLE MATERIALS ----------
STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION ----------
COMBUSTION WILL PRODUCE CARBON MONOXIDE, OXIDES OF SULFUR AND ASPHYXIANTS
POLYMERIZATION ----------
WILL NOT OCCUR.

11. TOXICOLOGICAL INFORMATION

FOR THE PRODUCT ----------
INHALATION: LOW ACUTE TOXICITY. SKIN: PRACTICALLY NON-TOXIC IF ABSORBED. MILD IRRITATION WITH PROLONGED OR REPEATED CONTACT. EYE: MINIMALLY IRRITATING ON CONTACT. ORAL: PRACTICALLY NON-TOXIC.

SEVERELY SOLVENT REFINED HEAVY PARAFFINIC PETROLEUM OIL (COMPONENT)
INHALATION: LOW ACUTE TOXICITY. SKIN: PRACTICALLY NON-TOXIC BY ABSORPTION. MAY CAUSE MODERATE IRRITATION WITH PROLONGED AND REPEATED CONTACT. EYE: MINIMALLY IRRITATING ON CONTACT. INGESTION: PRACTICALLY NON-TOXIC IF SWALLOWED.

ZINC DIALKYL DITHIOPHOSPHATE (COMPONENT)
INHALATION: DECOMPOSITION MAY OCCUR AT TEMPERATURES IN EXCESS OF 200F RESULTING IN EVOLUTION OF TOXIC HYDROGEN SULFIDE GAS. H2S MAY CAUSE CENTRAL NERVOUS SYSTEM (BRAIN) EFFECTS, NAUSEA, DIZZINESS, CONFUSION, LOSS OF SENSE OF SMELL, MUSCLE CRAMPS, INCOORDINATION, UNCONSCIOUSNESS COMA, RESPIRATORY FAILURE AND DEATH. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE MODERATE IRRITATION, REDNESS, DRYING, CRACKING, DERMATITIS. EYE: IRRITANT. ORAL: HARMFUL IF SWALLOWED.

BUTYLATED PHENOL (COMPONENT)

NO DATA AVAILABLE FOR ALL ROUTES OF EXPOSURE.

ACRYLIC COPOLYMER (COMPONENT)
NO DATA AVAILABLE FOR ANY ROUTE OF EXPOSURE. NO ACUTE TOXIC EFFECTS EXPECTED.

HYDROTREATED HEAVY PARAFFINIC PETROLEUM OIL (COMPONENT)
INHALATION: OVEREXPOSURE TO MISTS OR VAPORS MAY CAUSE EYE, NOSE, THROAT AND RESPIRATORY TRACT IRRITATION. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. EYE: IRRITANT. ORAL: PRACTICALLY NON-TOXIC IF SWALLOWED.

CALCIUM ALKYLPHENATE (COMPONENT)
NO STATEMENT AVAILABLE

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY ----------

NO DATA AVAILABLE.

13. DISPOSAL CONSIDERATIONS

FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS. NOT A RCRA HAZARDOUS WASTE IF UNCONTAMINATED. IF "USED", RCRA CRITERIA (IGNITABILITY, REACTIVITY, CORROSIVITY, TOXICITY CHARACTERISTICS) MUST BE DETERMINED. DO NOT FLUSH TO DRAIN/ STORM SEWER. CONTRACT TO AUTHORIZED DISPOSAL SERVICE.

14. TRANSPORTATION INFORMATION

DOT-
PROPER SHIPPING NAME- PETROLEUM LUBRICATING OIL
HAZARD CLASS- NOT REGULATED
IDENTIFICATION NUMBER- NOT REGULATED
LABEL REQUIRED- NOT REGULATED

IMDG- PROPER SHIPPING NAME- NO DATA AVAILABLE

IATA- PROPER SHIPPING NAME- NO DATA AVAILABLE

15. REGULATORY INFORMATION

SARA 302 THRESHOLD PLANNING QUANTITY. N/A

SARA 304 REPORTABLE QUANTITY ..... N/A

SARA 311 CATEGORIES- IMMEDIATE (ACUTE) HEALTH EFFECTS.. N
DELAYED (CHRONIC) HEALTH EFFECTS.. N
FIRE HAZARD ..... N
SUDDEN RELEASE OF PRESSURE HAZARD. N
REACTIVITY HAZARD ..... N

SUNVIS 832 CODE R00000372100

WHEN A PRODUCT AND/OR COMPONENT IS LISTED BELOW, THE REGULATORY LIST ON WHICH IT APPEARS IS INDICATED.

ZINC DIALKYL DITHIOPHOSPHATE - NJ 01

01=SARA 313	02=SARA 302/304	03=IARC CARCINOGEN
04=OSHA CARCINOGEN	05=ACGIH CARCINOGEN	06=NTP CARCINOGEN
07=CERCLA 302.4	08=WHMIS CONTROLLED PROD.	
10=OTHER CARCINOGEN		
PA=PENNSYLVANIA RTK	NJ=NEW JERSEY RTK	CA=CALIFORNIA PROP 65
MA=MASSACHUSETTS RTK	MI=MICHIGAN 406	MN=MINNESOTA RTK
FL=FLORIDA	RI=RHODE ISLAND	IL=ILLINOIS
NY=NEW YORK	WV=WEST VIRGINIA	CT=CONNECTICUT
LA=LOUISIANA	ME=MAINE	OH=OHIO

THIS PRODUCT OR ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE U.S. TSCA INVENTORY.

16. OTHER INFORMATION

WARNING! HIGH PRESSURE INJECTION OF OIL THROUGH THE SKIN IS A MEDICAL EMERGENCY. THERE MAY BE NO SIGN OF INJURY AND NO INITIAL PAIN. THIS OIL

MUST BE REMOVED COMPLETELY BY A PHYSICIAN. FAILURE TO OBTAIN IMMEDIATE TREATMENT HAS RESULTED IN LOSS OF A FINGER, HAND OR ARM. WHMIS CLASSIFICATION: NOT CONTROLLED

* * * * * END OF MSDS* * * * * *

EXXON CHEMICAL AMERICAS -- VARSOL 18 SOLVENT,MINERAL SPIRITS - THINNER,PAINT,MINERA
MATERIAL SAFETY DATA SHEET
NSN: 8010005975251
Manufacturer's CAGE: 72190
Part No. Indicator: A
Part Number/Trade Name: VARSOL 18 SOLVENT,MINERAL SPIRITS

General Information

Item Name: THINNER,PAINT,MINERAL SPIRITS
Company's Name: EXXON CHEMICAL AMERICAS
Company's P. O. Box: 3272
Company's City: HOUSTON
Company's State: TX
Company's Country: US
Company's Zip Code: 77253-3272
Company's Emerg Ph #: 800-726-2015/800-424-9300(CHEMTREC)
Company's Info Ph #: 713-870-6000/6884 (HEALTH & SAFETY)
Distributor/Vendor # 1: STARTEX CHEMICAL INC (409-539-6244)
Distributor/Vendor # 1 Cage: 0YFV5
Distributor/Vendor # 2: CSD, INC (409-756-1065)
Distributor/Vendor # 2 Cage: 4N760
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 17SEP95
Safety Data Review Date: 21OCT96
Supply Item Manager: 75
MSDS Preparer's Name: UNKNOWN
MSDS Serial Number: CBTBB
Specification Number: UNKNOWN
Spec Type, Grade, Class: UNKNOWN
Hazard Characteristic Code: F4
Unit Of Issue Container Qty: UNKNOWN
Type Of Container: UNKNOWN
Net Unit Weight: UNKNOWN
NRC/State License Number: NOT RELEVANT

Ingredients/Identity Information

Proprietary: NO
Ingredient: PETROLEUM HYDROCARBONS
Ingredient Sequence Number: 01
Percent: UNKNOWN
NIOSH (RTECS) Number: 1000099PH
OSHA PEL: 5 MG/M3 (OIL MIST)
ACGIH TLV: 5 MG/M3 (OIL MIST)
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: TRIMETHYLBENZENE
Ingredient Sequence Number: 02
Percent: UNKNOWN
NIOSH (RTECS) Number: 1004927TM
CAS Number: 2551-14-5
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: STODDARD SOLVENT
Ingredient Sequence Number: 03

Percent: UNKNOWN
NIOSH (RTECS) Number: 1011627SS
CAS Number: 64741-41-9
OSHA PEL: 5 MG/M3 AS OIL MIST
ACGIH TLV: 5 MG/M3 AS OIL MIST
Other Recommended Limit: NONE RECOMMENDED

Physical/Chemical Characteristics

Appearance And Odor: CLEAR, COLORLESS LIQUID - PETROLEUM HYDROCARBON ODOR
Boiling Point: 315F - 397F
Melting Point: -4F,-20C
Vapor Pressure (MM Hg/70 F): 6 @ 68F
Vapor Density (Air=1): 3.90
Specific Gravity: 0.79
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: <0.1 (N-BUTYL ACETATE=1)
Solubility In Water: <0.01 @ 77F
Viscosity: 1.1 CST @ 77F
Radioactivity: NOT RELEVANT
Corrosion Rate (IPY): UNKNOWN
Autoignition Temperature: 490F

Fire and Explosion Hazard Data

Flash Point: 104F,40C
Flash Point Method: TCC
Lower Explosive Limit: 2.3
Upper Explosive Limit: 14.4
Extinguishing Media: USE WATER FOG/SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINERS.
Special Fire Fighting Proc: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire And Expl Hazrds: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): HEAT, SPARKS, FLAMES AND OTHER SOURCES OF IGNITION
Materials To Avoid: STRONG OXIDIZING AGENTS, HALOGENS, MOLTEN SULFUR
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE, FUMES, SMOKE MAY BE FORMED.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: TLV FOR OIL MIST IS 5 MG/M3.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: TARGET ORGANS:EYE, SKIN, CNS, RESPIRATORY & GI TRACTS. ACUTE- EYE:SLIGHT IRRITATION. SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION. INHALE:HIGH VAPOR/AEROSOL CONCENTRATIONS MAY CAUSE CNS EFFECTS INCLUDING DEATH. ORAL:SMALL AMOUNTS ASPIRATED INTO LUNGS MAY CAUSE PULMONARY INJURY, POSSIBLY DEATH. CHRONIC- UNKNOWN
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: IRRITATION, DROWSINESS, DIZZINESS, NAUSEA, VOMITING, HEADACHE, REDNESS, TEARING, BLURRED VISION, DEFATTING, FATIGUE
Med Cond Aggravated By Exp: INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.
Emergency/First Aid Proc: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION. KEEP AT REST. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/PUMP (EXPLOSION PROOF). GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS.
Neutralizing Agent: NOT RELEVANT
Waste Disposal Method: RECLAIM BY DISTILLATION OR INCINERATE ABSORBED MATERIALS IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
Precautions-Handling/Storing: STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, OTHER SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.
Other Precautions: EMPTY CONTAINERS RETAIN RESIDUE. DO NOT WELD, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO FLAME, SPARKS. AVOID REPEATED OR PROLONGED SKIN CONTACT. DO NOT GET IN EYES. DO NOT BREATHE VAPOR OR MIST. WASH THOROUGHLY AFTER HANDLING.

Control Measures

Respiratory Protection: IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC VAPORS (REFER TO 29 CFR 1910.134).
Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves: NEOPRENE IF REPEATED CONTACT POSSIBLE
Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR SPLASHING CAN OCCUR.
Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Transportation Data

Trans Data Review Date: 96295
DOT PSN Code: LKZ
DOT Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S. OR PETROLEUM PRODUCTS, N.O.S.
DOT Class: 3
DOT ID Number: UN1268
DOT Pack Group: III
DOT Label: FLAMMABLE LIQUID
DOT/DoD Exemption Number: NOT RELEVANT
IMO PSN Code: LMH
IMO Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S. o
IMO Regulations Page Number: 3375
IMO UN Number: 1268
IMO UN Class: 3.3
IMO Subsidiary Risk Label: -
IATA PSN Code: TJB

IATA UN ID Number: 1268
IATA Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: TJB
AFI Prop. Shipping Name: PETROLEUM DISTILLATES, N.O.S.
AFI Class: 3
AFI ID Number: UN1268
AFI Pack Group: III
AFI Basic Pac Ref: A7.3
N.O.S. Shipping Name: PETROLEUM HYDROCARBONS, TRIMETHYL BENZENE, STODDARD SOLVENT
Additional Trans Data: PROPER SHIPPING NAME, UN ID NUMBEER AND PACKAGING GROUP, PER MSDS.

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Disposal Data

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Label Data

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Label Required: YES
Technical Review Date: 21OCT96
MFR Label Number: UNKNOWN
Label Status: F
Common Name: VARSOL 18 SOLVENT,MINERAL SPIRITS
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Slight: X
Fire Hazard-Moderate: X
Reactivity Hazard-None: X
Special Hazard Precautions: TARGET ORGANS:EYE, SKIN, CNS, RESPIRATORY & GI TRACTS. ACUTE- EYE:SLIGHT IRRITATION. SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION. INHALE:MAY CAUSE CNS EFFECTS. ORAL:ASPIRATED INTO LUNGS MAY CAUSE PULMONARY INJURY. CHRONIC- UNKNOWN. STORE IN COOL, VENTILATED AREA AWAY FROM SOURCES OF IGNITION & INCOMPATIBLES. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND. PREVENT LIQUID FROM ENTERING SEWERS. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. CALL PHYSICIAN
Protect Eye: Y
Label Name: EXXON CHEMICAL AMERICAS
Label P.O. Box: 3272
Label City: HOUSTON
Label State: TX
Label Zip Code: 77253-3272
Label Country: US
Label Emergency Number: 800-726-2015/800-424-9300(CHEMTREC)

C & BATTERIES AN ALLIED PLANT 1 -- 3-DU9 - LEAD BATTERY WET
MATERIAL SAFETY DATA SHEET
NSN: 6140010190685
Manufacturer's CAGE: 80531
Part No. Indicator: A
Part Number/Trade Name: 3-DU9

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General Information

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Item Name: LEAD BATTERY WET
Company's Name: C AND BATTERIES AN ALLIED CO PLANT 1
Company's Street: WASHINGTON AND CHERRY STS
Company's City: CONSHOHOCKEN
Company's State: PA
Company's Country: US
Company's Zip Code: 19428
Record No. For Safety Entry: 003
Tot Safety Entries This Stk#: 003
Status: SE
Date MSDS Prepared: 01FEB89
Safety Data Review Date: 09MAR92
Supply Item Manager: CX
MSDS Serial Number: BMWXB
Hazard Characteristic Code: C1

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: LEAD (SARA III)
Ingredient Sequence Number: 01
Percent: 60
NIOSH (RTECS) Number: OF7525000
CAS Number: 7439-92-1
OSHA PEL: 0.05 MG/M3;1910.1025
ACGIH TLV: 0.15 MG/M3;DUST 9192
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: SULFURIC ACID (SARA III)
Ingredient Sequence Number: 02
Percent: 7-9
NIOSH (RTECS) Number: WS5600000
CAS Number: 7664-93-9
OSHA PEL: 1 MG/M3
ACGIH TLV: 1 MG/M3; 9192
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: ANTIMONY (SARA III)
Ingredient Sequence Number: 03
Percent: 1-2
NIOSH (RTECS) Number: CC4025000
CAS Number: 7440-36-0
OSHA PEL: 0.5 MG/M3
ACGIH TLV: 0.5 MG SB/M3; 9192
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: ARSENIC (SARA III)
Ingredient Sequence Number: 04
Percent: <1
NIOSH (RTECS) Number: CG0525000

CAS Number: 7440-38-2
OSHA PEL: 0.5 MG/M3 (AS)
ACGIH TLV: 0.01,A1 MG/M3; 9394
Other Recommended Limit: NONE SPECIFIED

Physical/Chemical Characteristics

Appearance And Odor: CLEAR/ACID ODOR
Boiling Point: NA
Melting Point: NA
Vapor Pressure (MM Hg/70 F): NA
Vapor Density (Air=1): NA
Specific Gravity: 1.215-1.290
Evaporation Rate And Ref: NA
Solubility In Water: 100%

Fire and Explosion Hazard Data

Flash Point: NA
Lower Explosive Limit: NA
Upper Explosive Limit: NA
Extinguishing Media: CO2,DRY CHEMICAL,FOAM
Special Fire Fighting Proc: SCBA FOR CORROSIVE MISTS.
Unusual Fire And Expl Hazrds: SULFURIC ACID WHEN DILUTED CAN REACT WITH METALS TO FORM HYDROGEN GAS.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): NA
Materials To Avoid: STRONG ALKALINE MATERIALS
Hazardous Decomp Products: SULFUR OXIDES
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NA

Health Hazard Data

Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Health Haz Acute And Chronic: ACUTE EXPOSURE TO ACID MAY CAUSE BURNS TO TISSUE UPON CONTACT. SPLASHING INTO EYES CAN RESULT IN SEVERE OR PERMANENT INJURY.INGESTION OF ACID CAUSES SEVERE INJURY PULMONARY EDEMA OR EVEN DEATH. CHRONIC ACID MIST EXPOSURE MAY RESULT IN UPPER RESPIRATORY TRACT.
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Signs/Symptoms Of Overexp: TISSUE IRRATITION OR BURNS. CHRONIC ACID MIST EXPOSURE MAY CAUSE UPPER RESPIRATORY IRRITATION.
Med Cond Aggravated By Exp: RESPIRATORY CONDITIONS BY BREATHING OF ACID MISTS.
Emergency/First Aid Proc: FLUSH EYES AND SKIN WITH WATER FOR AT LEAST 15MINUTES. INHALATION; MOVE TO FRESH AIR. INGESTION:DO NOT INDUCE VOMITING, INGEST LARGE AMOUNTS OF MILK OR WATER,SEEK MEDICAL ATTENTION IMMEDIATELY.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: ACID SPILLS CAN BE NEUTRALIZED WITH SODA ASH OR LIME
Neutralizing Agent: SODA ASH, LIME OR SODIUM BICARBONATE
Waste Disposal Method: NEUTRALIZED SPILL MAY BE FLUSHED TO SANITARY SEWER WITH WATER. RCRA WASTE DISPOSAL NO.D002,D008.
Precautions-Handling/Storing: STORE IN COOL DRY WELL VENTILATED AREAS. DO NOT TILT ON AN ANGLEE GREATER THAN 45. DO NOT STACK MATERIALS ON TOP OF BATTERIES.

Other Precautions: NONE GIVE

Control Measures

Respiratory Protection: NONE REQUIRED UNDER NORMAL USE, USE NIOSH RESPIRATORY PROTECTION APPROVED ACID FILTERS IT TWA IS EXCEEDED
Ventilation: GENERAL
Protective Gloves: RUBBER
Eye Protection: CHEMICAL SPLASH
Other Protective Equipment: RUBBER APRON, BOOT RECPOMMENDED
Work Hygienic Practices: PRUDENT
Suppl. Safety & Health Data: REMOVE METALIC JEWELRY, SHOCK POTENTAL.

Transportation Data

Disposal Data

Label Data

Label Required: YES
Label Status: G
Common Name: 3-DU9
Special Hazard Precautions: ACUTE EXPOSURE TO ACID MAY CAUSE BURNS TO TISSUE UPON CONTACT. SPLASHING INTO EYES CAN RESULT IN SEVERE OR PERMANENT INJURY.INGESTION OF ACID CAUSES SEVERE INJURY PULMONARY EDEMA OR EVEN DEATH. CHRONIC ACID MIST EXPOSURE MAY RESULT IN UPPER RESPIRATORY TRACT. TISSUE IRRATITION OR BURNS. CHRONIC ACID MIST EXPOSURE MAY CAUSE UPPER RESPIRATORY IRRITATION.
Label Name: C AND BATTERIES AN ALLIED CO PLANT 1
Label Street: WASHINGTON AND CHERRY STS
Label City: CONSHOHOCKEN
Label State: PA
Label Zip Code: 19428
Label Country: US

M A T E R I A L S A F E T Y D A T A S H E E T Rev 11000.06B

For Coating, Resins, and Related Materials NPCA 1-84

MANUFACTURER'S NAME
BENJAMIN MOORE & Co.
51 CHESTNUT RIDGE RD.
MONTVALE, NJ 07645

EMERGENCY TELEPHONE NO.
800-424-9300 (CHEMTREC)

DATE OF PREPARATION
15-DEC-97 (Sup. 12-JUN-97)

INFORMATION TELEPHONE
201-573-9600

SECTION I - PRODUCT ID

	HMIS CODE	SARA TITLE 312
PRODUCT CODE: 110		Acute: YES
CLASS: SOLVENT THINNED PAINT	Health: 2*	Chronic: YES
NAME: MOORES HOUSE PAINT - 22,25,26,	Flammability: 2	Fire: YES
COLOR: 36,40,41,43,46,63,66,80,86,3A, 4A,5A	Reactivity: 0	Pressure: NO
	Personal Prot.:	React: NO

For a complete description of HMIS and an explanation of the PERSONAL PROT: code, see Section XX.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	MAX PCT	CAS NO. / TLV	PEL	STEL	CEIL	MM Hg TEMP
Stoddard Solvent (fn)	42.3	8052413				
		100ppm	100ppm	N/E	N/E	2.0 @ 20
Mag. Al. Silicate (f*)	4.9	12174117				
		10mg/m3	N/E	N/E	N/E	N/A
Silica, Crystalline (f*n)	0.4	14808607				
		0.1mg/m3	0.1mg/m3	N/E	N/E	N/A
Titanium Dioxide (f*)	10.3	13463677				
		10mg/m3	10mg/m3	N/E	N/E	N/A
Calcium Carbonate (f*)	12.9	471341				
		10mg/m3	5mg/m3	N/E	N/E	N/A
Xylene (f3n)	1.6	1330207				
		100ppm	100ppm	150ppm	N/E	21 @ 38
Methyl Ethyl Ketoxime (f)	0.2	96297				
		.1ppm	N/E	N/E	N/E	2.0 @ 68
Iron Oxide (f*n)	12.4	1332372				
		5mg/m3	10mg/m3	N/E	N/E	N/A
Carbon Black (f*n)	1.8	1333864				
		3.5mg/m3	3.5mg/m3	N/E	N/E	N/A
C.I. Pigment Yellow 42 (f*)	5.9	51274001				
		10mg/m3	10mg/m3	10ppm	N/E	N/A
C.I. Pigment Green 7 (f*)	2.4	1328536				
		1mg/m3	1mg/m3	N/E	N/E	N/A
Ethyl Benzene (fn)	0.3	100414				
		100ppm	100ppm	125ppm	N/E	10 @ 20

f Federal Hazard List
* Hazardous only as dust when product is sanded.
3 Sect. 313 of the Emergency Planning & Community Right-To-Know Act of 1986 and of 40 CFR 37

n New Jersey Label Law hazardous chemical

This product may contain small amounts of materials known to the State of California to cause cancer and reproductive harm.

SECTION III - PHYSICAL DATA

BOILING RANGE: 361 to 407 F VAPOR DENSITY: HEAVIER THAN AIR
WEIGHT PER GAL: 8.0 - 9.0

EVAPORATION RATE: SLOWER THAN ETHER % VOLATILE VOLUME: 47.2 - 56.9

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

D.O.T. FLAMMABILITY CLASSIFICATION: COMBUSTIBLE FLASH PT.: 125 F PMCC
LEL: 1.0%

EXTINGUISHING MEDIA: FOAM CO2 DRY CHEMICAL WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may burst if exposedto extreme heat or fire. Toxic gases may fo0rm when product burns.

SPECIAL FIREFIGHTING PROCEDURES: Do not use water stream on burning liquid. Cool exposed containers with water. Use self-contained breathing apparatus.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - ACUTE:
Inhalation - Harmful if inhaled. May affect the brain or nervous system, causing dizziness, headache or nausea.
Contact - Causes eye irritation.
Contact - Causes skin irritation.
Skin Absorption - Hazardous ingredients contained in this product have the capacity to be absorbed through the skin in sufficient quatities to cause systemic toxicity. See Safe Handling and Use Information (Section VIII).
Ingestion - Irritation of the digestive tract and nervous system depression (drowsiness, dizziness, loss of coordination and fatigue). Aspiration Hazard - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage. Hazard - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

EFFECTS OF OVEREXPOSURE - CHRONIC:
Skin Contact - Prolonged or repeated exposure may cause dermititis.
Contains: Ethyl Benzene which has been shown to cause cancer in male rats.
Inhalation statement: Sanding dust inhalation may cause lung damage.
Contains: Crystalline silica which has been determined to be carcinogenic humans (1) by IARC when in respirable form. Risk of cancer depends on duration and level of inhalation exposure to dust from sanding the dried paint or spray mist. Contains Methyl Ethyl Ketoxime (MEKO) which has been identifies as a potential carcinogen. Currently MEKO is not listed as a potential carcinogen by IARC, NTP or OSHA. allergic skin reaction.
IARC has classified Carbon Black as possibly carcinogenic for humans (2B).
NOTICE: Reports have associated permanent brain and nervous system damage with repeated, prolonged overexposure to solvents among persons engaged in the painting trade. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:
None expected when used in accordance with Safe Handling and Use Information (Section VIII).
PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION INGESTION

EMERGENCY AND FIRST AID PROCEDURES: Inhalation - Remove from hazard area, maintain breathing, call physician. Skin Contact - Remove with soap and water. Eye Contact - Flush immediately with large amounts of water. Call physician. Ingestion - Drink 1 or 2 glasses of water to dilute. Do NOT induce vomiting. Call physician.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE HAZARDOUS POLYMERIZATION WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon dioxide and carbon monoxide.
CONDITIONS TO AVOID: Elevated temperatures and build up of vapors.

INCOMPATIBILITY (MATERIALS TO AVOID): None reasonably foreseeable.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Avoid breathing vapors. Use non-sparking tools to return materials to container. Absorb residue with Fuller's earth.

WASTE DISPOSAL METHOD: Conventional procedures in compliance with local, state and federal regulations. Do not incinerate sealed containers.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Wear a properly fitted vapor/particulate approved by NIOSH/MSHA for use with paints (TC-23C) during application or sanding and until all vapors and spray mist are exhausted. In confined spaces or in situations where continuous sprayoperations are typical, or if proper respirator fit is not possible, wear a positive-pressure, supplied air respirator (NIOSH/MSHA TC-19C)
VENTILATION: Adequate to maintain working atmosphere below T.L.V. and L.E.L. (See Sect. II for ingredient data and concentrations). Mechanical exhaust may be required in confined areas. Discharge exhaust only in area away from ignition sources.
PROTECTIVE GLOVES: Solvent impermeable gloves are required

EYE PROTECTION: Splash goggles or safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Clothing adequate to protect skin.

HYGIENIC PRACTICES: Remove and wash clothing before reuse. Wash hands before eating, smoking or using the washroom.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Combustible - Keep away from heat and flame.
OTHER PRECAUTIONS: Use only with adequate ventilation. Avoid prolonged contact with skin and breathing of vapor spray mist or sanding dust. Close container after each use. Keep out of reach of children. Do not take internally.

SECTION XX

HMIS (Hazardous Materials Identification System) (R) NPCA

HMIS is a recognized workplace Hazardous Communication System as required by OSHA (40 CFR 1910.1200). Information on establishing a complaint hazardous communication program using HMIS is available from:

American Labelmark Co., Inc., Labelmaster Division
5724 N. Pulaski Rd., Chicago, IL 60646
1-800-621-5808

The ratings assigned by Benjamin Moore & Co. are only suggested ratings; the contractor/employer has ultimate resonsibility for HMIS rating where this system is used.

PERSONAL PROTECTION: This code is left blank on Benjamin Moore & Co. MSDS's as it depends on application technique and the workplace vetilation. Please read Sections II through IX of this MSDS before deciding on approriate protective equipment and beginning work. There are codes available for this section which can be obtained from Labelmaster.

Note: There are no SARA reportable materials in this product.

M A T E R I A L S A F E T Y D A T A S H E E T Rev 09600.05B

For Coating, Resins, and Related Materials NPCA 1-84

MANUFACTURER'S NAME
BENJAMIN MOORE & Co.
51 CHESTNUT RIDGE RD.
MONTVALE, NJ 07645

EMERGENCY TELEPHONE NO.
800-424-9300 (CHEMTREC)

DATE OF PREPARATION
15-DEC-97 (SUP. 02-MAY-97)

INFORMATION TELEPHONE
201-573-9600

SECTION I - PRODUCT ID

PRODUCT CODE: 096
CLASS: WATER THINNED PAINT
NAME: MOORGLO LATEX HOUSE & TRIM PAINT
COLOR: ALL

HMIS CODE		SARA TITLE 312	
Health: 1*		Acute:	NO
Flammability: 0		Chronic:	YES
Reactivity: 0		Fire:	NO
Personal Prot.:		Pressure:	NO
		React:	NO

For a complete description of HMIS and an explanation of the PERSONAL PROT: code, see section XX.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	MAX PCT	CAS NO. / TLV	PEL	STEL	CEIL	MM Hg TEMP
Zinc Oxide (f*3n)	2.6	1314132				
		10mg/m3	10mg/m3	N/E	N/E	N/A
Hydrous Alum Silicates (f*)	7.9	1332587				
		10mg/m3	10mg/m3	N/E	N/E	N/A
Titanium Dioxide (f*n)	24.1	13463677				
		10mg/m3	10mg/m3	N/E	N/E	N/A
Carbon Black (f*n)	2.3	1333864				
		3.5mg/m3	3.5mg/m3	N/E	N/E	N/A
Iron Oxide (f*n)	11.9	1332372				
		5mg/m3	10mg/m3	N/E	N/E	N/A
C.I. Pigment Yellow 42 (f*)	5.5	51274001				
		10mg/m3	10mg/m3	10ppm	N/E	N/A
C.I. Pigment Red 122 (f*)	1.1	980267				
		N/E	N/E	N/E	N/E	N/A
C.I. Pigment Green 7 (f*)	1.4	1328536				
		1mg/m3	1mg/m3	N/E	N/E	N/A

f Federal Hazard List
* Hazardous only as dust when product is sanded.
3 Sect. 313 of the Emergency Planning & Community Right-To-Know Act of 1986 and of 40 CFR 37
n New Jersey Label Law hazardous chemical

This product may contain small amounts of materials known to the State of California to cause cancer and reproductive harm.

SECTION III - PHYSICAL DATA

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BOILING RANGE: N/A VAPOR DENSITY: HEAVIER THAN AIR
WEIGHT PER GAL: 9.0 - 10.8

EVAPORATION RATE: SLOWER THAN ETHER % VOLATILE VOLUME: 61.3 - 69.0

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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FLAMMABILITY CLASSIFICATION: NOT REGULATED FLASH PT.: >250 F PMCC

LEL: Not Applicable

EXTINGUISHING MEDIA: FOAM CO2 DRY CHEMICAL WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Closed containers may burst if exposed to extreme heat or fire.
Toxic gases may form when product burns.

SPECIAL FIREFIGHTING PROCEDURES:
Cool exposed containers with water. Use self-contained breathing apparatus.

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SECTION V - HEALTH HAZARD DATA

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EFFECTS OF OVEREXPOSURE - ACUTE:
Inhalation - Causes nose and throat irritation.
Inhalation - Causes lung irritation.
Contact - Causes eye irritation.
Contact - Causes skin irritation.
Ingestion of large amounts could cause serious injury.

EFFECTS OF OVEREXPOSURE - CHRONIC:
Inhalation - Irritation to respiratory tract.
IARC has classified Carbon Black as possibly carcinogenic for humans (2B).
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:
None expected when used in accordance with Safe Handling and Use Information (Section VIII).
PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION INGESTION

EMERGENCY AND FIRST AID PROCEDURES:
Inhalation - Remove to fresh air. Get medical help for any breathing difficulty. Eye Contact - Flush thoroughly with water. Call physician.
Skin Contact - Wash with soap and water.
Ingestion - Drink 1 or 2 glasses of water to dilute. Do NOT induce vomiting. Call physician.

==========

SECTION VI - REACTIVITY DATA

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STABILITY: STABLE HAZARDOUS POLYMERIZATION WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon dioxide and carbon monoxide.
CONDITIONS TO AVOID: Elevated temperatures

INCOMPATIBILITY (MATERIALS TO AVOID): None reasonably foreseeable.

==========

SECTION VII - SPILL OR LEAK PROCEDURES

==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Flush with water. Absorb with sawdust or rags.

WASTE DISPOSAL METHOD:
Conventional procedures in compliance with local, state and federal regulations. Do not incinerate sealed containers.

==========

SECTION VIII - SAFE HANDLING AND USE INFORMATION

==========

RESPIRATORY PROTECTION:
Use NIOSH approved respirator specified for protection against paint spray mist and sanding dust in restricted or confined areas.

VENTILATION:
Adequate to maintain working atmosphere below T.L.V. and L.E.L. (See Sect. II for ingredient data and concentrations). Mechanical exhaust may be required in confined areas.
PROTECTIVE GLOVES: Waterproof during repeated contact.

EYE PROTECTION: Splash goggles or safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Clothing adequate to protect skin.

HYGIENIC PRACTICES:
Remove and wash clothing before reuse. Wash hands before eating, smoking or using the washroom.

==========

SECTION IX - SPECIAL PRECAUTIONS

==========

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Do not throw or drop containers.

OTHER PRECAUTIONS:
Avoid contact with eyes and prolonged contact with skin or breathing of spray mist or sanding dust.
Close container after each use. Keep out of reach of children. Do not take internally.

==========

SECTION XX

==========

HMIS (Hazardous Materials Identification System) (R) NPCA

HMIS is a recognized workplace Hazard Communications System as requird by OSHA (40 CFR 1910. 1200). Information on establishing a complaint hazardous communication program using HMIS is available from:

American Labelmark Co., Inc., Labelmaster Division
5724 N. Pulaski Rd., Chicago, IL 60646
1-800-621-5808

The ratings assigned by Benjamin Moore & Co. are only suggested ratings; the contractor/ employer has ultimate responsibility for HMIS rating where this system is used.
Personal Protection: This code is left
on application technique and the workplace ventilation. Please read Sections II through IX of this MSDS before deciding on appropriate protective equipment and beginning work. There are codes available for this section which can be

obtained from Labelmaster.
Note: There are no SARA reportable materials in this product.

RBRC
RECHARGEABLE
BATTERY
RECYCLING
CORPORATION

Le recyclage des piles rechargeables au nickel-cadmium? *Nous le faisons pour vous!*

Il est dorénavant possible de recycler les piles rechargeables au nickel-cadmium (Ni-Cd) usées recueillies dans le cadre de votre programme municipal de collecte des ordures ménagères en participant au programme *Recharger et recycler!* de la Société de recyclage des piles rechargeables au Canada (RBRC).

Le programme est simple, facile d'accès et rentable. La RBRC paie les coûts de transport et de recyclage des piles au Ni-Cd usées recueillies par votre municipalité.

Le programme *Recharger et recycler!* est en vigueur à l'échelle de l'Amérique du Nord depuis 1997. Le cadmium récupéré grâce au recyclage est utilisé dans la fabrication de nouvelles piles rechargeables au Ni-Cd, et le nickel et le fer récupérés servent à fabriquer des produits à base d'acier inoxydable.

Le programme *Recharger et recycler!* profite de l'appui de l'industrie de l'énergie rechargeable et il est administré en son nom. Le programme vient d'obtenir la reconnaissance du Conseil canadien des ministres de l'Environnement (CCME), qui lui a décerné son *Prix de prévention de la pollution* annuel, et a reçu l'approbation de Transports Canada, d'Environnement Canada, de Ressources naturelles Canada et du ministère de l'Environnement du Québec.

Le document ci-joint vous précise les étapes nécessaires pour entreprendre le recyclage des piles au Ni-Cd usées dans le cadre du programme de la RBRC. Pour obtenir plus de renseignements à ce sujet, communiquez avec nous au (416) 535-9210 ou visitez notre site Internet à www.rbrc.org.

La RBRC vous remercie à l'avance de votre participation au programme de recyclage des piles rechargeables au Ni-Cd usées dans le cadre du programme *Recharger et recycler!*

Veuillez agréer, Madame, Monsieur, l'expression de mes sentiments les meilleurs.

Susan Antler
Coordonnatrice du programme canadien

c.c. : C. Norman England, président, RBRC

rporate Headquarters
. Box 141870
Gainesville, FL USA 32614-1870
376 5135
376 5942 fax

nada
. Box 236, Station E
Toronto, Ontario M6H 4E2
535 9210
510 8043 fax

RECYCLE RBRC Ni-Cd 1.800.822.8837
printed on recycled paper

RBRC
RECHARGEABLE
BATTERY
RECYCLING
CORPORATION
OF CANADA

Guide de recyclage à l'intention des municipalités

Nous vivons dans un monde soucieux de son environnement

Les municipalités essaient de protéger les ressources naturelles de la Terre en recyclant les journaux, l'aluminium et le verre. Nous pouvons dorénavant ajouter un autre produit recyclable à notre liste, les piles au Ni-Cd rechargeables.

Les piles au Ni-Cd, utilisées pour alimenter les téléphones sans fil, les caméscopes et les outils mécaniques, peuvent être recyclées. L'industrie de l'énergie rechargeable a mis sur pied le programme de recyclage des piles *Recharger et recycler!* en réponse au nombre grandissant de produits alimentés aux piles au Ni-Cd.

Le programme *Rccharger et recycler!* a pour but de détourner les piles au Ni-Cd des sites d'enfouissement municipaux. À titre de directeur des déchets domestiques spéciaux ou des résidus municipaux solides, vous avez entre autres la responsabilité d'assurer la bonne gestion des résidus de votre municipalité.

Le programme *Recharger et recycler!* est un moyen pratique et économique de vivre dans un environnement plus sain et plus sûr.

La RBRC

La Société de recyclage des piles rechargeables au Canada (RBRC) est un organisme de service public à but non lucratif créé dans le but de sensibiliser le public au besoin et à la possibilité de recycler les piles rechargeables au Ni-Cd tout en assurant une collecte pratique, économique et écologique des piles.

La campagne nationale de sensibilisation du public et de recyclage *Recharger et recycler!* de la RBRC a été créée par l'industrie afin de protéger les ressources naturelles et d'empêcher que les piles au Ni-Cd se retrouvent dans les résidus solides municipaux. Le programme a été conçu de façon à pouvoir mettre en œuvre des programmes de recyclage personnalisés pour les municipalités, les détaillants, les entreprises et les organismes publics afin de recycler les piles au Ni-Cd domestiques et commerciales usées.

Le programme *Recharger et recycler!* a été approuvé par les ministères provinciaux et territoriaux et a reçu l'appui d'Environnement Canada, de Ressources naturelles Canada et de Transports Canada.

C. P. 236, Succ. E, Toronto (Ontario) M6H 4E2
Tél. : (416) 535-9210 • Télél. : (416) 510-8043 • www.rbrc.org

Le connaissement spécial pour les matières dangereuses n'est pas obligatoire lorsque le poids brut des piles au Ni-Cd usées est inférieur aux poids ci-dessous pour la province d'origine et que le transport se fait autrement que par voie aérienne. Par contre, vous devez fournir les documents suivants :

Province d'origine	**Kilogrammes**
Colombie-Britannique	500
Alberta	205
Saskatchewan	100
Manitoba	Enregistrement obligatoire auprès du ministère de l'Environnement avant le premier envoi. Pour plus de détails, communiquez avec la RBRC au **(877) 723-1297**.
Ontario	500
Québec	500
Nouveau-Brunswick	500
Nouvelle-Écosse	500
Île-du-Prince-Édouard	500
Terre-Neuve et Labrador	500
Territoires du Nord-Ouest	500
Nunavut	500
Yukon	500

Lorsque le poids de la marchandise dépasse les poids indiqués ci-dessus pour la province d'origine correspondante, votre expédition doit être accompagnée d'un connaissement ordinaire et d'un connaissement spécial pour matières dangereuses. De plus, vous pourriez être tenu de fournir un numéro d'enregistrement du consignataire de marchandises dangereuses. Si les quantités de piles au Ni-Cd que vous expédiez sont telles que vous devez fournir ces documents spéciaux et que vous avez besoin d'aide à ce sujet, communiquez avec la RBRC au ***(877) 723-1297****.*

Vous devez remplir les documents suivants pour toutes les expéditions de poids égal ou inférieur aux poids ci-dessus, selon le mode d'expédition choisi (transport de marchandise ou de colis).

A. Expédition sur connaissement : Vous pouvez utiliser des connaissements achetés à votre papeterie locale ou préparés sur des formulaires de votre entreprise. Glissez le connaissement dûment rempli dans une enveloppe ou un manchon de plastique et apposez-le sur l'extérieur du contenant d'expédition.

   Le connaissement doit contenir les renseignements suivants :

   i. Numéro d'expéditeur de la RBRC
   ii. Numéro de l'ordre d'expédition de la RBRC (n° 107247)
   iii. Nom et adresse de l'expéditeur
   iv. Adresse du centre de consolidation
   v. Poids de l'expédition
   vi. La phrase «Piles de nickel-cadmium usées destinées au recyclage»
   vii. La phrase «Expédié conformément au numéro de permis de niveau équivalent de sécurité SU 5032 pour le transport de marchandises dangereuses»
   viii. La phrase «Certificat provisoire n° 841566 du programme de gestion des déchets du ministère de l'Environnement de l'Ontario»

   Le connaissement doit être bien rempli afin de satisfaire à toutes les exigences provinciales et fédérales et éviter que le centre de consolidation vous retourne votre expédition à vos frais.

Chaque boîte devrait peser moins de 30 kilogrammes. Un boîte dont les dimensions sont 30x30x10 centimètres contiendra environ 20 kilogrammes de piles. Les cargaisons de boîtes pesant 70 kilogrammes et plus doivent être fixées à des palettes afin d'en faciliter la manipulation par un lève-palette.

C. Seaux de RBRC : Emballez les piles dans les seaux en plastique de 20 litres achetés auprès de la RBRC. Le seau vient avec une étiquette, des instructions de sécurité, des sacs en plastique pour les piles au Ni-Cd usées et un connaissement de Purolator pré-affranchi. Le seau contient approximativement 17 kilogrammes de piles au Ni-Cd usées. Lorsque le seau est plein, fixez-y le couvercle. **Inscrivez vos coordonnées de retour sur l'étiquette d'expédition Purolator, y compris votre numéro d'envoyeur RBRC dans la case «REF #»**. Appelez Purolator pour une cueillette. Ces piles seront expédiées au CC aux fins de recyclage.

   Les seaux sont vendus en paquets de 10 au prix de 75 $ chaque paquet (la TPS en sus). Vous pouvez les commander en appelant la RBRC sans frais au **(877) 723-1297** ou sur le site Internet de la RBRC à **www.rbrc.com**.

Inscrivez-moi!

Le programme *Recharger et recycler!* de la RBRC est facile, abordable et efficace. Pour vous inscrire, remplissez le formulaire ci-dessous. La RBRC inscrira votre entreprise au programme et vous fournira tous les renseignements supplémentaires dont vous avez besoin.

Protégez l'environnement! Inscrivez-vous au programme *Recharger et recycler!* dès aujourd'hui.

Nom du site _____

Adresse d'expédition _____

Code postal _____

Adresse postale (si différente de l'adresse d'expédition) _____

_____

Ville _____

Province _____

Téléphone _____

Télécopieur _____

Courriel _____

Personne-ressource _____

COMMANDE DE CONTENANTS

___ J'aimerais commander 10 contenants au prix de 75 $ + TPS

N° de bon de commande (si nécessaire) _____

Classement CCEK

Titre Déchets dangeureux: Général

Type Dossiers Environementaux

Date D'ouverture 1999

Notes Document: Hazardous Materials; Application for Permit for use by a person of used oil acquired for energy generaton purpose; Par le Ministère du Développement durable, de l'environnement et des parcs; 29 Janvier 1999

1er octobre 2003: Lettre de l'admisnistration Kativik; Projet de valorisation des huiles usées dans les villages nordiques du Nunavik

Document: Recyc-Québec; Programme visant l'éducation à la réduction à la source, au réemploi et au recyclage pour 2008; Normes et critères d'attribution

Document: Hazardous material spill information & procedures

Document: Règlement sur l'enfouissement et l'incinération de matières résiduelles; Affaires minicipales et Régions Québec; 28 Mars 2006

30 Mai 2008: Lettre de KRG ; Environmental Emergency Response

May 30, 2008

Mr. Robbie Tookalook
P.O. BOX 108
Umiujaq (QC.) J0M 1Y0

SUBJECT: Environmental Emergency Response

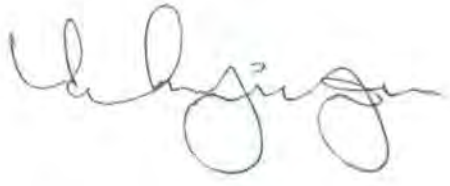
Mr. Mayor,

Please find enclosed a package of information regarding environmental emergency response in your community. This package includes:

- 10 copies of the Nunavik Environmental Emergency Report Form
- An example of a completed Nunavik Environmental Emergency Report Form
- Hazardous spill clean-up information sheet
- List of those who are certified to handle hazardous waste in each community

It is important to know what to do in case of an environmental emergency and whom you should contact. Please read the information carefully and should you have any questions, do not hesitate to contact me.

Sincerely yours,



Eli Angiyou
Environmental Technician, KRG

cc. Peter Tookalook, Municipal Manager

KATIVIK

HAZARDOUS SPILL CLEAN-UP INFORMATION SHEET

In case of a hazardous spill it is important to call your local Fire Department, and the Kativik Regional Government Environmental Technician at (819) 496-2877. If the KRG Environmental Technician is not available, please call the KRG Kuujjuaq office at 1-877-964-2961.

If your local Fire Department does respond or the KRG Environmental Technician is not available, please feel free to call Emergency response in Rouyn-Noranda toll free 1-866-694-5454, and in Canada (613) 996-6666 (Collect calls are accepted).

How to recuperate a hazardous spill:

1. Put yellow tape or barricades around the spill and **notify the public to keep away.** Do not to smoke near the contaminated area.
2. Find empty barrels to hold the collected contaminated gravel, soil or water.
3. If there are no empty barrels available, place a large, durable plastic tarp in a designated hazardous waste collection site and spread the contaminated material on the tarp. When the contaminated material is all collected, cover it with another plastic tarp and secure the tarps to protect the material from wind and precipitation.
4. If the spill reaches a body of water, use absorbent booms or sheets to collect the material. Discard of the absorbents as you would any hazardous waste.
5. If the spill occurs on paved roads or the airport tarmac, use absorbent gravel and spread evenly over the contaminated area. Let stand for at least one hour, then remove the gravel by placing it in empty barrels or on a plastic tarp as above. Treat as hazardous waste.
6. Please take the time to complete the Nunavik Environmental Emergency Report Form. Always note the type of spill, where the spill is located, date of the incident, what caused the spill, and who is responsible for the spill. Add any information you feel is important. Fax the form to the KRG Environmental Technician at (819)496-2500.

If you have further questions, do not hesitate to contact the KRG.

Eli Angiyou
Kativik Regional Government
Environmental Technician
Tel: (819) 496-2877 Fax: (819) 496-2500
E-Mail: eangiyou@krg.ca

Package

Need Translation

10 blank forms (Eng & Inuktitut) ✓

Example completed form. ✓

List of haz. waste training course part. ✓

Spill Info + contact info @ KRG ✓

Letter to mayor/m.m ✓

Transmission Report

Date/Time 13-05-2008 03:31:43 p.m.
Local ID 1 8199642956
Local ID 2

Transmit Header Text
Local Name 1 K.R.G. Eco. Dev
Local Name 2

This document : Confirmed
(reduced sample and details below)
Document size : 8.5"x11"

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Comité Consultatif de l'environnement Kativik
Kativik Environmental Advisory Committee

Date: May 13/08
Number of pages (including this one)/Nombre de pages (incluant celle-ci): 4

FAX TRANSMISSION

To/À: Serge Auclair
Fax No.: 819-988-2751

From/De: Nancy Dea, Exectutive Secretary
Fax/Télécopieur: (819)964-2611/0694

Comments/Commentaires:
Please complete the form and fax it back to me when you can.
Thank you.
[signature]

2005-11-24

Secrétariat/Secretery
Comité consultatif de l'environnement Kativik/
Kativik Environmental Advisory Committee
C.p./p.o.box 930, Kuujjuaq (Québec) J0M 1C0

TÉL.: (819) 964-2961, poste/extension 2287
FAX : (819) 964-2611/0694

Total Pages Scanned : 4 Total Pages Confirmed : 4

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001	630	1 819 988 2751	03:20:44 p.m. 13-05-2008	00:03:28	4/4	1	EC	HS	CP14400

Abbreviations:

HS: Host send
HR: Host receive
WS: Waiting send
PL: Polled local
PR: Polled remote
MS: Mailbox save
MP: Mailbox print
CP: Completed
FA: Fail
TU: Terminated by user
TS: Terminated by system
RP: Report
G3: Group 3
EC: Error Correct

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KATIVIK

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4. If the spill reaches a body of water, use absorbent booms or sheets to collect the material. Discard of the absorbents as you would any hazardous waste.
5. If the spill occurs on paved roads or the airport tarmac, use absorbent gravel and spread evenly over the contaminated area. Let stand for at least one hour, then remove the gravel by placing it in empty barrels or on a plastic tarp as above. Treat as hazardous waste. It is illegal to dispose or dump contaminated material, used absorbent booms, sheets or gravel, according to the Environment Quality Act.
6. Please take the time to complete the Nunavik Environmental Emergency Report Form. Always note the type of spill, where the spill is located, date of the incident, what caused the spill, and who is responsible for the spill. Add any information you feel is important. Fax the form to the KRG Environmental Technician at (819)-496-2500.

If you have further questions, do not hesitate to contact the KRG.

Eli Angiyou
Kativik Regional Government
Environmental Technician
Tel: (819) 496-2877 Fax: (819) 496-2500
E-Mail: eangiyou@krg.ca

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Administration régionale KATIVIK Regional Government
KATIVIK P.O. Box 9 KUUJJUAQ (QUÉBEC) CANADA J0M 1C0

Nunavik Environmental Emergency Report Form

Incident			
Notification date		***Category**	
Location of incident		**Municipality**	
Contact Person			
Material involved and estimated quantities			
Area(s) affected			
Intervention Description			
Other information (ie. follow-up)			

Report Prepared by: ______________________________ Date: ____________________

Contact Person: KRG Environmental Technician (eangiyou@krg.ca)

* See Category Description On Back

Environmental Emergency Category Description

Category 1 :

Environmental emergencies in Category 1 can present the following characteristics:

The impact(s) on the environment and habitats are minor and easy to identify
OR
The impact(s) is easily controlled with normal intervention measures, well understood and well executed
OR
Impacts on property are relatively minor and human health was not affected.

Example: A vehicle spills its diesel load in an accident

Category 2:

Environmental emergencies in Category 2 can present the following characteristics:

The incident concerns one or more hazardous material that could have a significant impact on the environment
OR
The impact(s) on the well-being of humans, the environment or habitat are important and difficult to identify
OR
Controlling the incident is complex and requires many particular means
OR
The incident momentarily disrupts the affected population, the losses can be significant and the health of the population is threatened or may be affected.

Example: A train transporting hazardous material de-rails and several product spills occur

Category 3:

Environmental emergencies in Category 3 can present the following characteristics:

Incident concerns one or more hazardous materials that could have a very significant impact on the environment
OR
The impact(s) on the well-being of humans, the environment or habitat are catastrophic
OR
The impact(s) are difficult to identify, the situation is out of control
OR
Emergency response requires the implementation of measures requiring major contributions from many organizations
OR
The physical and/or psychological well-beng of the human population is affected; losses can be importants
OR
Information from citizens and media represents a major challenge and requires the implementation of substantial resources.

Example: Ice-Storm of 1998

KATIVIK
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Administration régionale KATIVIK Regional Government
P.O. Box 9 KUUJJUAQ (QUÉBEC) CANADA J0M 1C0

Nunavik Environmental Emergency Report Form

Incident			
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Administration régionale KATIVIK Regional Government
KATIVIK P.O. Box 9 KUUJJUAQ (QUÉBEC) CANADA J0M 1C0

Nunavik Environmental Emergency Report Form

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Contact Person			
Material involved and estimated quantities			
Area(s) affected			
Intervention Description			
Other information (ie. follow-up)			

Report Prepared by: _____ Date: _____

Contact Person: KRG Environmental Technician (eangiyou@krg.ca)

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Controlling the incident is complex and requires many particular means
OR
The incident momentarily disrupts the affected population, the losses can be significant and the health of the population is threatened or may be affected.

Example: A train transporting hazardous material de-rails and several product spills occur

Category 3:

Environmental emergencies in Category 3 can present the following characteristics:

Incident concerns one or more hazardous materials that could have a very significant impact on the environment
OR
The impact(s) on the well-being of humans, the environment or habitat are catastrophic
OR
The impact(s) are difficult to identify, the situation is out of control
OR
Emergency response requires the implementation of measures requiring major contributions from many organizations
OR
The physical and/or psychological well-beng of the human population is affected; losses can be importants
OR
Information from citizens and media represents a major challenge and requires the implementation of substantial resources.

Example: Ice-Storm of 1998

ᑲᑎᕕᒃ ᓄᓇᕗᑦᓯᐊᕐᓂᖅ ᑲᓇᑕᒥ
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ᓄᓇᕗᒻᒥ ᐊᓯᑎᒍᐊᖅᑐᓚᐅᖅ ᐅᐃᒪᓐᓕᕆᓂᖅ ᑐᓴᕐᓂᑎᑦᑎᓂᒃ ᐊᓯᔾᔨᓂᒃ

ᓄᓇᕗᑦ			
ᐅᑦᔭᕐᓂ ᖃᐅᔨᑎᑦᓯᐊᐅᔪᑎᖓᑕ		ᓇᔭᖅᑕᐅᓯᒪᐊᕐᓂ	
ᓇᓂᑦᓂᕐᓂ ᓯᓂᐊᓂᐅᑦ		ᓄᓇᕗᒻᒥ	
ᖃᐅᔨᓂᐊᖅᐊᐅᔪᓐᓇᖅᑐᖅ ᐅᓇ			
ᓯᓚᑦ ᑲᒪᔪᑎᐅᔨᑦ ᐊᒻᒪᓗ ᒥᑦᓴᐅᓴᖅᑕᐅᓂᖅᓯᑦᑕ			
ᓄᓇ (ᓚᑦ) ᓯᖅᕿᑕᐅᔨᖅ			
ᑲᒪᒋᐊᓕᑎᐅᔪᑦ ᓯᓇᐅᓂᖅᓯᑦ			
ᐊᓯᖅᓯᑦ ᑐᐱᓯᑦᓯᒋᐊᓕᑎᑦ (ᐅᓐᔭᑦᓗᔪ: ᑭᖑᓂᖅᓴᔪᑦ ᖃᐅᔨᓂᐅᑦᑕᑕᐅᓂᖅᓴᖅ)			

ᑐᓴᕐᓯᐅᑎ ᐊᑐᐃᓐᓇᓕᖅᑕᐅᔨᖅ ᐅᔪᖅᓴ: _____ ᐅᑦᔭᖅᓴ: _____

ᖃᐅᔨᒋᐊᖅᐊᐅᔪᓐᓇᖅᑐᖅ ᐅᓇ: KRG-ᒧᑦ ᐊᐅᑎᓕᓴᐅᓂᒧᑦ ᐱᑦᔭᔪᒋᐊᓕᑦᑎ 9ᖃᓕᑕᐅᔨᒃᑯᑦ: eangiyou@krg.ca

ᐊᕙᑎᒧᐊᓕᕐᒪᔪᑎᒍᑦ ᐅᐃᒪᓇᕐᑐᓂᑦ ᓇᓄᕐᑕᐅᒪᒍᑎᖏᑦᑕ ᖃᓄᐃᑦᑐᓂᖏᑦ

ᓇᓗᓂᕐᑕᐅᒪᔪᖅ ᓐ :

ᐊᕙᑎᒧᐊᓕᕐᒪᔪᑎᒍᑦ ᐅᐃᒪᓇᕐᑐᐃᑦ ᑕᒻᒪᓂ ᓇᓗᓂᕐᑕᐅᒪᔪᒥ 1 ᐃᒣᑦᒎᒍᓐᓇᑐᑦ ᐱᐅᓯᖏᑦ:

ᑕᒪᓐᓇ ᓱᕐᕋᑕᐅᓂᖅ (ᓃᑦ) ᑕᒪᐅᓇ ᐊᕙᑎᑎᒍᑦ ᐊᒻᒪᓗ ᐆᒪᔪᕐᑲᕐᐱᑎᒍᑦ ᓯᓚᓗᓗᐊᕿᓗᓯᒍᕐᕐᒥᑐᑦ ᐊᒻᒪᓗ ᓇᓗᓂᓇᐊᕿᑦᑑᓯᒍᑦᓯᓂ
ᐅᕝᕙᓘᓐᓃᑦ
ᑕᒪᓐᓇ ᓱᕐᕋᑕᐅᒍᑎ (ᒍᑏᑦ) ᐱᔭᓇᐊᕿᑦᑐᐊᐱᓪᓕᒥ ᐊᐅᓚᑕᐅᒍᓐᓇᑐᖅ ᐱᐅᓯᕐᓯᑎᑐᐃᓐᓇᑎᒍᑦ ᑲᒪᒋᔭᖅᑲᓇᐊᕐᓂᒧᑦ ᖃᓄᐃᓕᐅᕈᑎᑎᒍᑦ, ᑐᑭᓯᓐᓇᓯᐊᕐᓯᑎᓪᓗ ᐊᒻᒪᓗ ᑲᔪᓯᔭᐅᑦᓯᐊᕈᓐᓇᑑᑦᓯᑎᒃ
ᐅᕝᕙᓘᓐᓃᑦ
ᓱᕐᕋᑕᐅᒍᑏᑦ ᑖᓂ ᐱᖁᑎᖅᑲᕐᐱᐅᔪᒥ ᓯᓚᓗᓗᐊᓯᒍᕐᕐᒥᑐᑦ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᐃᓅᓚᓯᐊᕐᓂᖏᑦᑕ ᖃᓄᐃᕐᕐᒥᓯᐊᓇᐊᖅᑲᕐᓂᒍᑦ ᓱᕐᕋᑕᐅᓯᑎᒃ.

ᐆᒃᑑᑎ: ᓄᓇᒃᑰᔦᖅ ᑯᐱᓐᓂᐸᑦ ᐅᖅᓱᐊᓗᒻᒥᑦ ᐅᓯᔭᒥᓂᒃ ᐃᓛᓂᐅᕐᕐᒥᑐᖅ

ᓇᓗᓂᕐᑕᐅᒪᔪᖅ ᑉ:

ᐊᕙᑎᒧᐊᓕᕐᒪᔪᕐᑯᑦ ᐅᐃᒪᓇᕐᓯᔪᖅ ᓇᓗᓂᕐᑕᐅᒪᔪᒥ 2-ᒥ ᐃᒣᑦᒎᔪᓐᓇᑐᑦ ᐱᐅᓯᖏᑦ:

ᑕᒪᓐᓇ ᓯᔪᐱᓂᐅᓂᕐᒧᑦ ᐃᓂᕐᒪᓂᖅᑲᐸᑦ ᐊᑕᐅᓯᕐᒥᒃ ᐅᕐᒪᑖᓄᓐᑑᓃᑦ ᑯᑦᓴᓇᕐᑐᑕᓂᓪᒥᒃ ᓯᓇᒧᐊᓂᕐᒪᓂᖅᑲᕐᓯᓂ ᐊᕐᒥᔪᑲᓪᓕᒥᑦᑐ ᓯᕐᕙᒧᓐᓇᒎᑐᓂ ᐊᕙᑎᒧᐊᓕᕐᒪᔪᕐᑯᑦ
ᐅᕝᕙᓘᓐᓃᑦ
ᑕᒪᓐᓇ ᓱᕐᕋᑕᐅᒍᑎ (ᓃ) ᐃᓅᕐᓯᐊᓇᐊᖅᑲᓂᕐᒥᒍᑦ ᐃᓄᐃᑦ, ᑕᒪᓐᓇ ᐊᕙᑎᕐᒪ ᐅᕝᕙᓘᓐᓃᑦ ᐆᒪᔪᖅᑲᐱᒃ ᐱᓪᒪᓇᐊᓘᑐᐊᖅᐸᑦ ᐊᒻᒪᓗ ᐊᔪᕐᓇᑐᒪᓕᐅᓗᓂ ᓇᓗᓂᖅᓯᐊᓇᐊᖅᒪ
ᐅᕙᓘᓐᓃᑦ
ᐊᐅᓚᓚᓯᐊᕐᓗᒍ ᓯᓂᐱᓂᓇᔭᐅᔪᖅ ᐊᔪᕐᓇᑐᐊᓗᐊᕐᐸ ᐊᒻᒪᓗ ᐊᐅᓚᑕᐅᒍᑎᖅᑲᓇᐊᖅᑲᓂᕐᓗᓂ ᐊᒥᓯᐃᓄᑦ ᖃᓄᐃᓕᐅᕐᓯᐊᕈᑎᓂᒃ
ᐅᕝᕙᓘᓐᓃᑦ
ᑕᒪᓐᓇ ᓯᔪᐱᓂᐅᒍᑎ ᓯᕐᕙᓚᐅᕐᑐᑐᓪᒪᓇᐅᑉᐸᑦ ᓱᕐᕋᑕᐅᔪᑎᒍᑦ ᐃᓄᒥᐊᕐᓂᑯᑦ, ᐊᓯᐅᕈᔭᐅᔪᐃᓗ ᐊᕐᒥᔪᐊᓘᑉᐸᑕ ᐊᒻᒪᓗ ᑕᒪᓐᓇ ᖃᓄᐃᕐᕐᒥᓯᐊᕐᓂᑯᑦ
ᖃᓄᐃᑦᑐᓂᕐᒥᑦ ᐃᓄᒥᐊᑦᑐᑎᒍᑦ ᑲᑉᐱᐊᓈᖅᑭᓂᕐᐸᑦ ᐅᕝᕙᓘᓐᓃᑦ ᓱᕐᕋᑕᓂᕐᒪᓂᕐᓗᑎᒃ.

ᐆᒃᑑᑎ: ᓄᓇᒃᑯᔨᑯᑖᖅᓗᒃ ᐅᓯᓗᓂ ᑯᑦᓴᓇᕐᑐᑕᓂᓐᓂᒃ ᓯᓇᒪᓂᖕᓂᒃ ᐊᕐᑯᑎᒥᓂᒃ ᐊᓯᓐᓇᓂᑦᑕ ᐊᒻᒪᓗ ᐊᒥᓯᒪᒧᑦ ᓯᓇᑕᓃᑦ ᑯᐱᔪᐊᔪᑦᑕ

ᓇᓗᓂᕐᑕᐅᒪᔪᖅ ᕐ:

ᐊᕙᑎᒧᐊᓕᕐᒪᔪᕐᑯᑦ ᐅᐃᒪᓇᕐᓯᔪᖅ ᓇᓗᓂᕐᑕᐅᒪᔪᒥ 3-ᒥ ᐃᒣᑦᒎᔪᓐᓇᑐᑦ ᐱᐅᓯᖏᑦ:

ᓯᓂᐱᓂᖅ ᐃᓂᕐᒪᓂᖅᑲᐸᑦ ᐊᑕᐅᓯᕐᒥᒃ ᐅᕐᒪᑖᓄᓐᑑᓃᑦ ᑯᑦᓴᓇᕐᑐᑕᓂᓪᒥᒃ ᓯᓇᒧᐊᓂᕐᒪᓂᖅᑲᕐᓯᓂ ᐊᕐᒥᔪᓪᒪᓇᐊᑐᓪᒥᒃ ᓯᕐᕙᑐᓂ ᐊᕙᑎᑎᒍᑦ
ᐅᕝᕙᓘᓐᓃᑦ
ᑕᒪᓐᓇ ᓱᕐᕋᑕᐅᒍᑎ (ᓃ) ᖃᓄᐃᕐᕐᒥᓯᐊᓇᐊᖅᑲᓂᕐᒥᒍᑦ ᐃᓄᒥᔭᐅᔪᑦ, ᑕᒪᓇᓗ ᐊᕙᑎᕐᒪ ᐅᕝᕙᓘᓐᓃᑦ ᐆᒪᔪᖅᑲᐲᑦ ᓯᒍᐃᔪᓪᒪᓇᐊᑐᑦᑕ
ᐅᕝᕙᓘᓐᓃᑦ
ᑕᒪᓐᓇ ᓱᕐᕋᑕᐅᔪᖅ (ᔪᐃᑦ) ᐊᔪᕐᓇᑑᑦᑕ ᓇᓗᓂᕐᓯᐊᓇᐊᕐᒥᑦ, ᑕᒪᓐᓇ ᐱᐅᓯᐅᓂᕐᑐᖅ ᐊᐅᓚᓪᓚᕐᑐᒍᓐᓂᑦᑕ
ᐅᕝᕙᓘᓐᓃᑦ
ᐅᐃᒪᓇᕐᑐᕐᑲᓂᑦᓪᒪᑦ ᖃᓄᐃᓕᐅᕐᒥᐊᕈᑎ ᐱᑕᖅᑲᕈᑎᐅᕐᒥᐊᖅᑲᓂᕐᑲᑦ ᑲᔪᓯᑎᑦᓯᒥᐊᖅᑲᓂᕐᒥᑦ ᖃᓄᐃᓕᐅᕐᒥᐊᕈᑎᓂᒃ ᐃᓕᐅᐱᐅᕐᒥᐊᖅᑲᓯᓗᓂᓗ ᐊᕐᒥᔪᑲᓪᓕᓗᑦᑎᒍᑦ ᐃᑲᔪᕐᓯᒍᑎᐅᕐᒥᐊᖅᑲᓗᓂ ᐊᒥᓯᓪᒪᓇᐅᑉ ᑎᒥᐅᔪᑉ
ᐅᕝᕙᓘᓐᓃᑦ
ᑕᒪᓐᓇ ᑎᒥᖁᑦ ᐊᒻᒪᓗ/ᐅᕝᕙᓘᓐᓃᑦ ᐃᓯᒪᖁᑦ ᖃᓄᐃᕐᕐᒥᓯᐊᓇᐊᖅᑲᓂᖅ ᐃᓄᑦᑎᒍᑦ ᐃᓄᒥᐊᑦᑐᑎᒍᑦ ᓱᕐᕋᑕᐅᓗᓂ; ᐊᓯᐅᕈᓃᑦ ᐱᓪᒪᓇᐊᓘᓂᕐᓗᑎᒃ
ᐅᕝᕙᓘᓐᓃᑦ
ᑐᑭᓯᑎᑦᓯᔪᑏᑦ ᐱᔪᑦ ᓄᓇᓂᓪᒥᐅᑕᓂᒃ ᐊᒻᒪᓗ ᑐᓴᕋᑦᓴᓂᐊᕐᑏᑦ ᓄᐃᑕᑎᑦᓯᓂᕐᒥᑦ ᐊᕐᒥᔪᓪᒪᓪᓕᒥᒃ ᓄᐃᑕᑎᑦᓯᓂᕐᑲᑦ ᐊᑉᐸᔩᑎᐅᕐᒥᐊᓂᓪᒥᒃ ᐊᒻᒪᓗ ᖃᓄᐃᓕᐅᕈᑎᐅᕐᒥᐊᖅᑲᓂᕐᑲᑦ ᑲᔪᓯᑎᑕᐅᕐᒥᐊᓂᓐᓂᒃ ᐱᒪᓇᐅᑎᐊᓗᓐᓄᑦ ᐃᑲᔪᕐᑎᓄᑦ.

ᐆᒃᑑᑎ: 1998-ᒥ ᓯᑯᓂᕈᑎᓂᐊᓗᓐᓂᒃ ᓯᓂᕐᓂᓗᓐᓂᐅᓂᐅᔪᖅ

ᑲᑎᕕᒃ ᓄᓇᓕᓕᒫᑦ ᑲᕙᒪᖓ
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Nunavik Environmental Emergency Report Form

Incident			
Notification date		***Category**	
Location of incident		**Municipality**	
Contact Person			
Material involved and estimated quantities			
Area(s) affected			
Intervention Description			
Other information (ie. follow-up)			

Report Prepared by: ______________________ Date: ______________

Contact Person: KRG Environmental Technician (eangiyou@krg.ca)

Environmental Emergency Category Description

Category 1 :

Environmental emergencies in Category 1 can present the following characteristics:

The impact(s) on the environment and habitats are minor and easy to identify
OR
The impact(s) is easily controlled with normal intervention measures, well understood and well executed
OR
Impacts on property are relatively minor and human health was not affected.

Example: A vehicle spills its diesel load in an accident

Category 2:

Environmental emergencies in Category 2 can present the following characteristics:

The incident concerns one or more hazardous material that could have a significant impact on the environment
OR
The impact(s) on the well-being of humans, the environment or habitat are important and difficult to identify
OR
Controlling the incident is complex and requires many particular means
OR
The incident momentarily disrupts the affected population, the losses can be significant and the health of the population is threatened or may be affected.

Example: A train transporting hazardous material de-rails and several product spills occur

Category 3:

Environmental emergencies in Category 3 can present the following characteristics:

Incident concerns one or more hazardous materials that could have a very significant impact on the environment
OR
The impact(s) on the well-being of humans, the environment or habitat are catastrophic
OR
The impact(s) are difficult to identify, the situation is out of control
OR
Emergency response requires the implementation of measures requiring major contributions from many organizations
OR
The physical and/or psychological well-beng of the human population is affected; losses can be importants
OR
Information from citizens and media represents a major challenge and requires the implementation of substantial resources.

Example: Ice-Storm of 1998

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Kuujjuaq, le 1er octobre, 2003

M. Yves Lanoix
Directeur régional des réseaux autonomes
Hydro-Québec
284 boulevard York Sud
Gaspé, QC G4X 2T9

OBJET : Projet de valorisation des huiles usées dans les villages nordiques du Nunavik

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M. Lanoix,

Nous venons par la présente vous faire part de notre intérêt à collaborer avec Hydro-Québec sur un projet de valorisation des huiles usées tel que mentionné en titre.

Comme vous le savez, la gestion des matières résiduelles dangereuses au Nunavik est complexifiée par le contexte singulier de la région. En effet, le climat et l'isolement des communautés par rapport à des grands centres urbains ajoutent des obstacles à cette problématique déjà difficile. Il n'existe pas les mêmes ressources dans le nord pour le traitement de ces substances et les coûts liés au transport des matières vers des centres de récupération dans le sud de la province sont très élevés.

Depuis quelques années, les communautés tentent de faire une gestion des matières résiduelles dangereuses produites sur leur territoire. Certaines possèdent d'ailleurs de l'équipement pour faire de la récupération ou de la valorisation sur place. À titre d'exemple, le village nordique de Inukjuak s'est équipé d'une fournaise pour brûler les huiles usées.

En raison de la nature même de ses opérations, Hydro-Québec demeure l'un des plus grands producteurs d'huiles usées dans les communautés. L'organisme fait face aux mêmes contraintes que les municipalités en termes de gestion des matières résiduelles dangereuses qu'il produit : il doit composer avec les problèmes liés à l'entreposage et au transport vers des centres de récupération, en plus d'avoir à payer pour le traitement de ces huiles.

Un projet de récupération réussi existe déjà dans le village nordique de Inukjuak et une entente prise avec Hydro-Québec permet à la municipalité de récupérer les huiles que la société d'état produit dans cette communauté. Nous sommes conscients qu'il n'est pas réaliste d'imaginer que chaque municipalité puisse s'équiper de manière semblable à Inukjuak – en effet, certaines communautés manquent de ressources humaines pour en faire la gestion et les quantités générées à l'intérieur de chaque village ne justifient pas les investissements requis. Nous pourrions toutefois imaginer que certaines municipalités serviraient de points de chute où l'ensemble des huiles usées produites dans la région pourraient être acheminées puis récupérées par un système de fournaise semblable à celui que Inukjuak a instauré.

Nous souhaiterions donc discuter de la possibilité de collaborer sur un projet de recyclage des huiles usées avec Hydro-Québec. Nous aimerions étendre l'entente déjà existante à Inukjuak à toutes les huiles usées que Hydro-Québec produit dans la région. Plusieurs formules pourraient être envisagées, dont un nombre plus ou moins élevé de points de chutes, un nombre variable de livraisons au cours de la saison du transport maritime, etc. Nous sommes ouverts à vos suggestions à cet égard.

Nous vous prions de nous faire connaître votre niveau d'intérêt en ce qui a trait à ce projet ainsi que vos disponibilités pour en discuter davantage.

Veuillez recevoir l'expression de nos sentiments les plus respectueux.

Michael Barrett
Directeur-adjoint
Département des Ressources renouvelables

c.c. Nathalie Girard, Comité consultatif de l'environnement Kativik

GESTION DES MATIÈRES RÉSIDUELLES DANGEREUSES

Rencontre avec Recyc-Québec – août 2003

Agenda de la rencontre

I Situation actuelle

1) Caractérisation des matières dangereuses

Types de matières dans les villages
Quantités estimées actuelles et projetées (identifier celles en croissance)
Provenance ou source de ces matières (domestique, commercial, industriel; type d'équipement, etc.)

2) Gestion actuelle

Dans certains villages, il n'y a, à l'heure actuelle, aucun système de gestion mise en place pour les matières résiduelles dangereuses. Celles-ci sont jetées dans les dépotoirs du village, parfois avec les déchets domestiques qui sont brûlés.

Dans d'autres villages, les matières résiduelles sont collectées et entreposées dans des conteneurs. Cependant, les matières ne sont pas bien identifié et aucun trie n'est effectué pour les classer adéquatement. Par ailleurs, les matières s'accumulent dans les villages puisqu'il n'y a pas de traitement possible sur place (ni dans le village, ni dans la région). De plus, les coûts de transport (maritime) pour amener ces déchets vers des centres de traitement dans le sud du Québec sont très élevés.

Quelques villages effectuent une certaine valorisation des matières résiduelles dangereuses, soit par l'envoie dans le sud ou par l'utilisation sur place des huiles usées.

3) Contraintes :

- sensibilisation à faire auprès des consommateurs sur les risques environnementaux, à la santé et à la récupération des RD
- manque d'infrastructures adéquates
- la plupart des RD n'ont pas de valeur commerciale – présentent des coûts de gestion

- diversité des matières et faibles quantités de chaque rendent valorisation ou même traitement plus difficile
- financement assurer que par les municipalités – il faudrait impliquer les entreprises productrices

ailleurs au Québec, dépôts de collecte jumelé à des programmes privés de récupération (peinture chez Rona, huiles usées par CT, etc.) – possibilités d'obtenir du financement??
Pneus – programme québécois de gestion intégrée des pneus hors d'usage

II Gestion potentiel

4) collecte et entreposage

dans des conteneurs dans chaque municipalité
requiert bacs de rétention, plus d'un conteneur (?),barils

Chaque municipalité s'occupera de cette partie du processus

5) formation et communication

formation des employés
- gestion de la collecte et de l'entreposage
- surveillance des lieux d'entreposage
- préparation pour le transport vers des centres de traitement

programme de sensibilisation et communication
- programme de sensibilisation pour la population
- programme de communication pour informer la population sur les lieux et modalités de collecte

L'aide de Recyc-Québec pour la formation du personnel et des outils pour les programmes de sensibilisation et de communication.

6) Transport

- transport maritime par quelle(s) compagnie(s)
- centre de traitement (laquelle, comment trouver)
- sources de financement

7) Alternatives

- potentiel de revalorisation
- possibilité d'avoir certains villages qui font la valorisation de certaines matières (par exemple, Inukjuak et les huiles usées d'autres villages)