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 Section I - IDENTIFICATION
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Eutectic Canada Inc.
 428 Aime-Vincent
 Vaudreuil-Dorion, Quebec
 J7V 5V5

Emergency Telephone: (514) 695-7500

Product Name: RotoClean Degreaser
 AWS Standard Terminology: Chemical Aid
 WHMIS Classification: A D1B
 TDGA Classification: 2.2
 Product Identification Number: 1950
 Product Use: Degreasing and preparation of surfaces

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 Section II - HAZARDOUS INGREDIENTS
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Ingredient	Range wt%	CAS Number	LD50	LC50
Perchloroethylene	15-40	127-18-4	Rat. Oral 2629 mg/kg	Rat. 8 hr 34200 mg/m3
Methylene Chloride	40-70	75-09-2	Rat. Oral 2163 mg/kg	Rat. 4 hr 8970 ppm
Carbon dioxide	1-5	124-38-9	NONE	NONE

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 Section III - PHYSICAL / CHEMICAL CHARACTERISTICS
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The following data should only be used in the context of the Material Safety Data Sheet.

Physical State: Aerosol
 Appearance and Odour: Colorless liquid, slight ethereal odour
 Odour threshold: Not available
 Vapour pressure: Aerosol 40 psi
 Vapour density: 4.55 (air=1)
 Evaporation rate: 2.7 (ether=1)
 Boiling point: 74°C
 Freezing point: Not available
 pH: Not available
 Specific gravity: 1.32
 Coeff. Water/oil dist: Not available

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 Section IV - FIRE AND EXPLOSION DATA
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Non flammable. Can burn when exposed to high ignition. Special fire fighting procedures: Wear self contained positive pressure respiratory equipment.

Mean of extinction : Water fog
Flashpoint and method : None
Upper flammable limit : 15% by volume
Lower flammable limit : 7.5% by volume
Auto-ignition temperature : Not available
Hazardous combustion products : Carbone dioxyde and monoxyde, hydrogen
Chloride. Aerosol can will explode if heated
to over 50°C
Sensitivity to impact : Aerosol can will explode if crushed
Sensitivity to static discharge : None

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Section V - REACTIVITY
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Chemically stable. Avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition. Water long term contact can deplete stabilizers followed by slow hydrolysis producing corrosive acid. Avoid prolonged contact with aluminum or its alloys. Metallic aluminum and zinc powders should be avoided.

Reactivity and under what conditions : Toxic fumes result from exposure to fire or flame. Hazardous polymerization will not occur.

Hazardous decomposition products : Hydrogen chloride and very small amounts of phosgene and chlorine.

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Section VI - HEALTH HAZARD DATA
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Route of entry skin contact, skin absorption, eye contact, inhalation, ingestion.

Effect of acute exposure to product

Skin : May cause skin irritation. Prolonged contact may produce sensitization, dermatitis.

Eyes : Contact with eyes may cause pain and slight transient corneal injury. Vapours may irritate eyes.

Inhalation : 500-1000 ppm (volatile portion) anesathetic or narcotic effects. Over 10,000 ppm can cause unconsciousness and death.

Ingestion : Causes a burning pain in the mouth and throat, vomiting, diarrhea, kidney and liver damage and convulsions.

Exposure limits : 50ppm (methylene chloride) (TLV)

Irritancy of product : Irritant to skin and eyes.

Sensitization to product : Possible

Carcinogenicity : Possible
Teratogenicity : Not available
Reproductive toxicity : Not available
Mutagenicity : Not available
Synergistic products : Not available

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Section VII - PREVENTIVE MEASURES
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Gloves : Viton or neoprene when in contact.

Respirator : Not necessary below TLV.

Eye : Chemical safety goggles when eye contact is likely.

Other : Eye bath or eye wash station.

Engineering controls : Avoid breathing vapours. A well ventilated area. If ventilation non adequate, wear self contained breathing apparatus.

Leak and spill procedure : Absorb with inert material. Keep out of sewer.

Waste disposal : Dispose of in accordance to local state and municipal laws. Empty aerosols may be disposed of through normal channels.

Handling procedures and equipment : Avoid breathing vapors, use with adequate ventilation.

Storage requirements : Store in a cool, clean, dry well ventilated area. Do not heat container above 50°C.

Special shipping information : Consumer commodity radiators or other sources of heat.

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Section VIII - FIRST AID MEASURES
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Inhalation : Remove patient promptly to fresh air. If breathing has stopped, give CPR (Cardio-pulmonary resuscitation), preferably mouth to mouth. Give oxygen as necessary. Call a physician. Do not give adrenaline (epinebrine).

Eyes : Immediately flush with water for 15 minutes. If symptoms persist, consult a physician.

Skin : Flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse.

Ingestion : Do not induce vomiting. Obtain medical help immediately.

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Section IX - PREPARATION OF MATERIAL SAFETY DATA SHEET
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Prepared by: Director of Products and Services
Contact number: 514-695-7500
Date prepared: 30/09/99
Date revised: 30/09/10
Expiration date: 30/09/13