

Section I. Product Identification and Uses

		<b>HMIS (HFRP)</b>	
		<b>Health Hazard</b>	2
		<b>Fire Hazard</b>	0
		<b>Reactivity</b>	0
		<b>Personal Protection s</b>	
<b>Common / Trade name</b>	EXTRA Degreaser	<b>TDG</b>	CLASS 8
<b>WHMIS</b>	D2A, D2B, E	<b>PIN</b>	UN3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Sodium hydroxide)
<b>Code</b>	2047	<b>PG</b>	III
<b>Material uses</b>	Cleaner. Degreaser.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Sodium hydroxide	1310-73-2	1 - 5	ACGIH TLV (Canada). CEIL: 2 mg/m <sup>3</sup>	ORAL (LD50): Acute: 500 mg/kg [Rabbit].
Alcohols, C9-11 ethoxylate	68439-46-3	1 - 5	Not available.	ORAL (LD50): Acute: 1400 mg/kg [Rat].
Sodium metasilicate	6834-92-0	1 - 5	Not available.	ORAL (LD50): Acute: 1153 mg/kg [Rat]. 770 mg/kg [Mouse]. 1280 mg/kg [Rat].
Dipropylene glycol monomethyl ether	34590-94-8	1 - 5	Not available.	ORAL (LD50): Acute: 5380 mg/kg [Rat]. 5200 mg/kg [Rat]. DERMAL (LD50): Acute: 9510 mg/kg [Rabbit].
Methanol	67-56-1	0.1 - 0.2	ACGIH (Canada). TWA: 200 mg/m <sup>3</sup> STEL: 250 mg/m <sup>3</sup> CEIL: 200 mg/m <sup>3</sup>	ORAL (LD50): Acute: 5628 mg/kg [Rat]. 7300 mg/kg [Mouse]. DERMAL (LD50): Acute: 15800 mg/kg [Rabbit]. VAPOR (LC50): Acute: 64000 ppm 4 hour(s) [Rat].

Section III. First Aid Measures

<b>Eye contact</b>	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.
<b>Skin contact</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. If discomfort persists seek medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention.

Section IV. Physical Data

<b>Physical state and appearance</b>	Liquid.	<b>Colour</b>	Violet.
<b>pH (1% soln/water)</b>	11.8 - 12.2	<b>Odour</b>	Sassafras.
<b>pH (concentrate)</b>	12.5-13.5	<b>Volatility</b>	Not available.
<b>Boiling point</b>	The lowest known value is 100°C (212°F) (Water).	<b>Vapour density</b>	The highest known value is 5.11 (Air = 1) (). Weighted average: 1.14 (Air = 1)
<b>Specific gravity</b>	1.045-1.060 (Water = 1)	<b>Vapour pressure</b>	The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water).
<b>Solubility</b>	Miscible in water.		

Section V. Fire and Explosion Data

<b>The product is</b>	Non-flammable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Flash points</b>	Not applicable.
<b>Degradation products</b>	Not applicable.
<b>Extinguishing media</b>	Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

<b>Stability</b>	The product is stable.
<b>Decomp. products</b>	Not available.
<b>Reactivity</b>	Slightly reactive to reactive with oxidizing agents and acids.

Section VII. Toxicological properties

<b>Route of entry</b>	Eye contact. Ingestion. Inhalation. Skin contact.
<b>Toxicity for animals</b>	See section II.
<b>Acute effects</b>	Corrosive to skin and eyes on contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Harmful if ingested.
<b>Chronic effects</b>	No ingredient in this product is currently listed as carcinogens by IARC, NTP or OSHA.

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#### Section VIII. Preventive measure

<b>Waste disposal</b>	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
<b>Storage</b>	Store in a dry, cool and well ventilated area. Keep away from incompatibles.
<b>Precautions</b>	Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Wear suitable gloves and eye/face protection.
<b>Spill and leak</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal.

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#### Section IX. Personal protective equipment

<b>Gloves</b>	Nitrite gloves.
<b>Respiratory</b>	A respirator is not needed under normal and intended conditions of product use.
<b>Eyes</b>	Splash goggles.
<b>Other</b>	Synthetic apron. Splash goggles, gloves, full suit and boots: are recommended under exceptional circumstances such as fire or spill.
<b>Eng. controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

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#### Section X. Preparation and other information

Validated by the Regulatory Affairs Department on 19 Dec. 2006

Printed 20 Dec. 2006

#### EMERGENCY: CANUTEC 613-996-6666

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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#### Annex A. Legend

<b>HMIS</b>	Hazardous Materials Identification System
<b>WHMIS</b>	WHMIS Workplace Hazardous Materials Information System
<b>TDG</b>	Transport Dangerous Goods
<b>PIN</b>	Product Identification Number
<b>PG</b>	Packaging Group

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