

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</b>	b
<b>Common / Trade name</b>	KAIPOW DEGREASER	<b>TDG</b>	Class 8
<b>WHMIS</b>	D2B, E	<b>PIN</b>	UN1760 CORROSIVE LIQUID, N.O.S. (Sodium hydroxide)
<b>Code</b>	0918	<b>PG</b>	III
<b>Material uses</b>	Industrial applications: Cleaner and degreaser.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Ethoxylated C12-15 alcohol	68131-39-5	3 - 7	Not available.	ORAL (LD50): Acute: 4150 mg/kg [Rat].
Sodium hydroxide	1310-73-2	1 - 5	ACGIH TLV (Canada). CEIL: 2 mg/m <sup>3</sup> H <sup>3</sup> n	ORAL (LD50): Acute: 500 mg/kg [Rabbit].
Sodium metasilicate	6834-92-0	1 - 5	Not available.	ORAL (LD50): Acute: 1153 mg/kg [Rat]. 770 mg/kg [Mouse]. 1280 mg/kg [Rat].

Section III. First Aid Measures

<b>Eye contact</b>	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.
<b>Skin contact</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. Seek medical attention if discomfort persists.
<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. (Clear.)	<b>Colour</b>	Green.
<b>pH (1% soln/water)</b>	Not available	<b>Odour</b>	Floral.
<b>pH (concentrate)</b>	11.0 - 12.0	<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 > 1 (Air = 1) (Ethoxylated C12-15 alcohol). Weighted average: 1.01 (Air = 1)
<b>Specific gravity</b>	1.05 (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 available
<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>	See fire degradation products.
<b>Reactivity</b>	Incompatible with oxidizing agents, acids . Slightly reactive to reactive with metals.

Section VII. Toxicological properties

<b>Route of entry</b>	Ingestion. Inhalation. Skin contact. Eye contact.
<b>Toxicity for animals</b>	See section II
<b>Acute effects</b>	Corrosive to eyes and skin.
<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>	Keep container tightly closed. Keep container in a cool, well-ventilated area.
<b>Precautions</b>	Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection.
<b>Spill and leak</b>	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

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**Section IX. Personal protective equipment**

<b>Gloves</b>	Neoprene gloves. PVC gloves.
<b>Respiratory</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Eyes</b>	Safety glasses with side shields.
<b>Other</b>	Full suit, apron, boots: are recommended under exceptional circumstances such as spill, or for prolonged contact with bulk quantities.
<b>Eng. controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

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**Section X. Preparation and other Information**

Validated by the Regulatory Affairs Department on 24 Oct. 2007

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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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