

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: AB-50 DEGREASER
OTHER NAME:
DISTRIBUTED BY:

CODE: I309

WHMIS CLASSIFICATION: E; D2B
TDG CLASSIFICATION: SODIUM HYDROXIDE, SOLUTION; Class 8; UN 1824; PG II

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
Sodium Hydroxide	1-5	1310-73-2	LD ₅₀ Oral (rabbit) 500 mg/kg ACGIH TLV - 2 mg/m ³
Ethylene Glycol Monobutyl-Ether	3-7	111-76-2	LD ₅₀ Oral (rat) 1480 mg/kg LD ₅₀ Dermal(rabbit) 630 mg/kg
Sodium Metasilicate	1-5	6834-92-0	LD ₅₀ oral (rat) 847 mg/kg

PHYSICAL DATA FOR PRODUCT

Physical State: Liquid
Boiling Point: 100°C
Vapour Density: Not Avail.
Freezing Point: Not Avail.
Solubility in Water: 100%
Appearance & Odour: Green liquid with butyl odour.

Sp.Gravity: 1.0815
Vapour Pressure: Not Avail.
Evaporation Rate: Not Avail.

pH: 13.6 1% sol. - 11.4

FIRE AND EXPLOSION DATA FOR PRODUCT

Flash Point (Test Method): N/A
Flammable Limits in Air, % by vol. Non-flammable Lower: N/A Upper: N/A
Fire Extinguishing Substances: (X) Water Fog () Foam (X) CO₂ (X) Dry Chem () Other:

Hazardous Combustion Products: May produce irritating aldehydes and ketones.
Special Firefighting Procedures: As for surrounding fire. Use protective clothing to prevent contact with skin and eyes.

REACTIVITY DATA FOR PRODUCT

Incompatibility: () Water (X) Oxidizing Material (X) Acid () Base
() Other:
Hazardous Decomposition Products: Carbon dioxide and possibly carbon monoxide.

Chemical Stability: Stable under normal conditions.

*N/A - Not applicable.

Product Name: **AB-50 DEGREASER**

HEALTH HAZARD INFORMATION FOR PRODUCT

EMERGENCY and FIRST AID PROCEDURES

Inhalation: Remove to fresh air. Get medical attention if respiratory irritation occurs.

Ingestion: Do not induce vomiting. Drink milk, egg whites, gelatin solution or large quantities of water. Get immediate medical attention.

Eyes: Flush with plenty of water for 15 minutes. If irritation persists, get medical attention.

Skin: Flush with plenty of running water.

EFFECTS OF OVEREXPOSURE (Acute and Chronic)

Inhalation: Irritation of respiratory tract.

Ingestion: Burning mouth and esophagus; nausea, vomiting, abdominal pain and diarrhea.

Eyes: Severe irritation. May cause burns.

Skin: Will cause irritation. May cause burns.

PREVENTIVE MEASURES

Steps to be taken upon release or spillage (including neutralizing):

Flush with water and mop up. Large spills should be neutralized with dilute acid like hydrochloric or sulfuric acid.

Waste disposal method:

Dispose in accordance with federal, state and local regulations.

Handling and Storage Requirements:

Store in ventilated area, above freezing temperature away from incompatibles.
Keep container closed when not in use.

Ventilation Requirements (Local or General):

Use under well ventilated area.

Respiratory Protection:

A mask should be worn.

Eye Protection:

Safety glasses with sideshield.

Other Protection:

Rubber gloves and coveralls should be worn to minimize contact with skin and clothing.