

MATERIAL SAFETY DATA SHEET

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Valid: Nov. 2016 - Nov. 2019

PRODUCT NAME: NBC-500 NON BUTYL CLEANER
OTHER NAME: NBC500
DISTRIBUTED BY:

CODE: J445

WHMIS CLASSIFICATION: D2B
TDG CLASSIFICATION: Not Regulated

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
Sodium Metasilicate	0.5-1.5	6834-92-0	LD ₅₀ Oral (rat) 847 mg/kg
Potassium Hydroxide (45% Sol.)	1-5	1310-58-3	LD ₅₀ Oral (rat) 365 mg/kg ACGIH TLV - 2 mg/m ³

PHYSICAL DATA FOR PRODUCT

Physical State: Liquid Sp. Gravity: 1.037 pH: 13.5 1% sol. - 11.5
Boiling Point: 100°C Vapour Pressure: N/A
Vapour Density: Not Avail. Evaporation Rate: Not Avail.
Freezing Point: 0°C
Solubility in Water: 100%
Appearance & Odour: Orange liquid with no apparent odour.

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 (X) Foam (X) CO₂
() Dry Chem () Other:
Hazardous Combustion Products: Carbon oxides and sodium oxides.

Special Firefighting Procedures: As for surrounding fire.

REACTIVITY DATA FOR PRODUCT

Incompatibility: () Water (X) Oxidizing Material (X) Acid () Base () Other:

Hazardous Decomposition Products: Carbon oxides and sodium oxides at elevated temperatures.

Chemical Stability: Stable.

*N/A - Not applicable.

Product Name: **NBC-500 NON BUTYL CLEANER (NBC 500)**

HEALTH HAZARD INFORMATION FOR PRODUCT

EMERGENCY and FIRST AID PROCEDURES

Inhalation: Remove to fresh air.

Ingestion: Drink large quantities of milk or water. Do not induce vomiting. Get medical attention.

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

Skin: Rinse with water.

EFFECTS OF OVEREXPOSURE (Acute and Chronic)

Inhalation: Inhalation of misted product may cause irritation of respiratory tract.

Ingestion: May cause nausea, vomiting, diarrhea, abdominal pain, burning mouth and esophagus.

Eyes: Causes temporary discomfort and redness. If irritation persists get medical attention.

Skin: Prolonged contact may cause discomfort and defatting of tissue.

PREVENTIVE MEASURES

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

For larger spills, contain and pick-up. For small spills, dilute and wash area with water.

Waste disposal method:

Dispose in accordance with federal, provincial and local regulations in designated landfill site.

Handling and Storage Requirements:

Store in cool, well ventilated, area away from strong oxidizers. Keep container closed when not in use.

Ventilation Requirements (Local or General):

General ventilation is normally sufficient.

Respiratory Protection:

An approved mask or respirator should be worn where product is misted at high concentrations.

Eye Protection:

Safety glasses or chemical workers goggles should be worn.

Other Protection:

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