

MATERIAL SAFETY DATA SHEET



KNAPP Manufacturing

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SECTION 1: PRODUCT IDENTIFICATION

Product name: **NBD Non Butyl Degreaser**
Synonym/Chemical name/Common name: Cleaner
DOT proper Shipping name: Compounds, Cleaning Liquid (Sodium Hydroxide), 8, NA 1760, PG II
Knapp inventory number: 71006

SECTION 2: INGREDIENT INFORMATION

Hazardous Ingredients	Wt %	Toxicity Data
Sodium Hydroxide CAS# 1310-73-2	2.20	ACGIH TLV=2 mg/m ³

This product contains no chemical at a level which poses a significant risk as defined by California Proposition 65.

This product contains no toxic chemical, above its de minimis concentration, subject to reporting requirements of Title III SARA, section 313 EPCRA (40 CFR 372).

SECTION 3: PHYSICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 1.07 pH (Undiluted): 13.1
pH (Undiluted): 13.1 Freezing point: 32°F
Vapor pressure: 17.2 mm Hg (water)
Vapor density (Air=1): No vapors are produced
Percentage volatile by weight: 91.23
Solubility in water: Complete
Boiling point: 212°F
Appearance and odor: Clear colorless liquid with mild odor

NBD MSDS # 71006 November 20, 2003 Page 2 of 2

SECTION 4: FIRE AND EXPLOSION HAZARDS

Flash point: Nonflammable
Flash point test method: N/A
Flammability limits: N/A
Extinguishing media: N/A
Special fire fighting procedures: None
Unusual fire or explosive hazards: None

SECTION 5: REACTIVITY DATA/CONDITIONS TO AVOID

Stability: Stable
Incompatibilities (Conditions to avoid): Undiluted product is corrosive to aluminum and magnesium. Test diluted product on any soft metal before use.
Hazardous decomposition products: None
Hazardous polymerization will not occur.
Conditions to avoid: None

SECTION 6: HEALTH HAZARDS/FIRST AID

Primary routes of entry: None
Signs and symptoms: Undiluted product is corrosive to eyes and unprotected skin.
First aid procedures: For eye contact flush with large amounts of water. If irritation persists, contact a physician. For skin contact, flush with large amounts of water.
Use of this product causes no known chronic health effects.

SECTION 7: PERSONAL PROTECTION RECOMMENDATIONS

Respiratory protection: None
Ventilation: Use with adequate ventilation
Protective gloves: Rubber gloves are recommended for prolonged or repeated contact
Eye protection: Guard against splashing into eyes.

SECTION 8: STORAGE/SPILL/SPECIAL HANDLING INFORMATION

Steps to be taken in case of spill: Wet material is slippery. Remove with rags, mops, or by flushing with water.
Waste disposal: Follow all applicable waste disposal regulations.
Special storage or handling precautions: None

N/D=Not determined N/A=Not applicable

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