

MATERIAL SAFETY DATA SHEET

Noble Chemical
 2209 Old Philadelphia Pike
 Lancaster, PA. 17602
 Phone:717-291-9700

N.A.=Not Applicable
 Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date: 02/01/2000

SECTION 1- GENERAL PRODUCT DATA
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Product Name: BREAK I Product Code: 147BREAK HMIS Legend: 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant HMIS Hazard Code: Health:2 Flammability:0 Reactivity:1 Chemical Family: Formulated Liquid Detergent D.O.T. Shipping Name: Corrosive Liquid, NOS	CHEM-TEL, INC. 24 Hour Emergency Contact 1-800-255-3924 Chemical Strength: Highly Caustic Material Formula: Proprietary Hazard Class: 8
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SECTION 2 - HAZARDOUS INGREDIENTS
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CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
Potassium Hydroxide	1310-58-3	2MG/M3			<30

Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910. 1200)

SECTION 3 - PHYSICAL DATA	SECTION 4 - FIRE AND EXPLOSION DATA
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Boiling Point (°F): 221 Vapor Pressure (mm Hg): = N/A Appearance: Colorless to Light Amber, Free flowing liquid Specific Gravity: 1.198 Percent Volatile By Volume: N/A Evaporation Rate: = N/A Odor: Characteristic pH: 14.0 (Concentrate)	Flash Point (F): N/A Flammable Limits: N/A Unusual Fire & Explosion Hazards: Not considered combustible Special Fire Fighting Procedures: This product is not normally considered combustible and will not burn or sustain combustion
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SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: No Skin: Yes Ingestion: Yes **Threshold Limit Value:** N/A
Effects of Overexposure: This product, its solutions and mists and vapors are irritating to the skin and eyes and can cause sever burns.
Emergency & First Aid Procedures:
Inhalation: If inhaled, immediately move person to fresh air and get immediate medical attention.
For Skin: Wash with cool running water for 15 minutes. Seek medical attention if irritation develops. Remove contaminated clothing.
For Eyes: Rinse with cool running water for 15 minutes. Get immediate medical attention.
If Ingested: If swallowed, give several cups of water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

Carcinogen: Not considered carcinogenic by OSHA, NTP, or IARC

SECTION 6 - REACTIVITY DATA	SECTION 7 - SPILL OR LEAK PROCEDURES
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Stability: Stable Conditions to Avoid: Spills and careless handling Incompatibility: Acids, aluminum & other soft metals Hazardous Decomposition Products: None anticipated Hazardous Polymerization: Will not occur	Steps to be taken if material is released or spilled: See Section 8 for Protective Equipment. Contain spill, dilute with water and neutralize as required. Wash away small spills with plenty of water. Spills may be slippery. Waste disposal method: Dispose of in accordance with all applicable federal, state and local regulations. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.
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SECTION 8 - PROTECTIVE EQUIPMENT	SECTION 9 - SPECIAL PRECAUTIONS
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Respiratory Protection: None usually required Ventilation: Adequate general ventilation Protective Gloves: Rubber or latex gloves Eye Protection: Safety glasses with side shields or goggles Other Protective Equipment: Use rubber boots & apron as required. Eye bath & safety shower.	Precautions to be taken in handling and storage: Store at room temperature. Keep from freezing. Keep container closed when not in use. Use with adequate ventilation. Avoid contact with eyes. Wash thoroughly after handling. Other Precautions: Do not take internally. Avoid contamination of food. For industrial use only. Keep out of reach of children. Do not mix with anything but water. Avoid strong oxidizing agents, acids, aluminum and other soft metals.
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SECTION 313 SUPPLIER NOTIFICATION
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This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

This information must be included in all MSDS's that are copied and distributed for this material.

NOTICE

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy, including the implied warranties of merchantability or fitness for a particular use or method of application. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the products improper use.