



# GOLIATH

## 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA  
METHOD: None

### FLAMMABLE LIMITS IN AIR

- LOWER (%): None  
- UPPER (%): None

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA:

As for surrounding fire. Product will not be expected to burn unless all the water is boiled away. Water mist.

FIRE FIGHTING PROCEDURES:

Non-combustible material. Wear self-contained breathing equipment and rubber protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILL PROCEDURES:

SMALL SPILLS:

Pick up with absorbant material.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Wipe up spills and then rinse with water.

PERSONAL PRECAUTIONS: NA

ENVIRONMENTAL PRECAUTIONS: NA

METHODS FOR CLEANING UP: NA

## 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN  
IN HANDLING AND STORAGE:

Danger: Corrosive. Avoid contact with eyes, skin and clothing. Use only in a well ventilated area. Keep container closed when not in use. Avoid creating mists or aerosols. Always add only small amounts of product to water at any one time, while continuously stirring. Store away from acids.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

NA

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:  
RESPIRATORY PROTECTION:

Use in a well ventilated area.  
Firefighting; use a Positive Pressure Demand Full Face Self Contained Breathing Apparatus.  
Cartridge respirator.

PROTECTIVE GLOVES:

Butyl rubber. Neoprene. Nitrile gloves. PVC. Rubber gloves.

EYE PROTECTION:

Goggles. Face shield.

OTHER PERSONAL PROTECTION  
EQUIPMENT:

Eyewash fountains and safety showers must be easily accessible.

VENTILATION:

General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Clear brown liquid. Ammonia odor.

BOILING POINT (F):

NA

(C) NA

VAPOR PRESSURE:

Same as water

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

1.4

VOV Content (%):

NE

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

PH: 13 (4%)

## 10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE  
POLYMERIZATION: Will Not Occur.  
HAZARDOUS DECOMPOSITION: Oxides of Carbon.  
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and oxidizers.  
CONDITIONS/HAZARDS TO AVOID: Freezing conditions.

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE  
EFFECTS OF CHRONIC EXPOSURE: NE  
OTHER TOXIC EFFECTS: NE

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time  
CHEMICAL FATE INFORMATION: No data at this time.  
MOBILITY: NA  
PERSISTENCE/DEGRADABILITY: NA  
BIOACCUMULATIVE POTENTIAL: NA  
OTHER ADVERSE EFFECTS: NA

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

## 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

## 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
SODIUM HYDROXIDE 1310-73-2	20.0-35.0	Listed	Listed	Listed	Not Listed
Phosphonic acid, [nitriлотris(methylene)]tris- pentasodium salt 2235-43-0	1.0-5.0	Listed	Not Listed	Listed	Not Listed
Alkyl Polysaccharide Ether 68515-73-1	1.0-5.0	Listed	Not Listed	Listed	Not Listed
Sodium Glucoheptonate 31138-65-5	1.0-5.0	Listed	Not Listed	Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
SODIUM HYDROXIDE 1310-73-2	20.0-35.0	1000 lb 454 kg	Not Listed	Not Listed
Phosphonic acid, [nitrilotris(methylene)]tris- ,pentasodium salt 2235-43-0	1.0-5.0	Not Listed	Not Listed	Not Listed
Alkyl Polysaccharide Ether 68515-73-1	1.0-5.0	Not Listed	Not Listed	Not Listed
Sodium Glucoheptonate 31138-65-5	1.0-5.0	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
SODIUM HYDROXIDE 1310-73-2	20.0-35.0	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
SODIUM HYDROXIDE 1310-73-2	20.0-35.0	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
SODIUM HYDROXIDE 1310-73-2	20.0-35.0	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
SODIUM HYDROXIDE 1310-73-2	20.0-35.0	Listed

## 16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*