

Product Code: 301005, 301015, 301030, 301055

MATERIAL SAFETY DATA SHEET

Comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200.

Printed: 3/7/2007

Page: 1 of 2

HMIS RATING: HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0 PROTECTION = B

NFPA RATING: HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Belichem100 High Alkaline Detergent

Distributor: Belimed
13840 SW 119th Avenue
Miami, FL 33186-6280
305-252-3338

Emergency Contact: 1-800-535-5053 (24 hours) or
contact your regional Poison Control.

MSDS Issue Date: 11/20/2006

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Wt % (optional)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits Recommended</u>
Potassium hydroxide	1310-58-3	--	2 mg/m ³	2 mg/m ³	--
Potassium silicate	1312-76-1	--	N/D	5 mg/m ³	--

SECTION 3 – HAZARD IDENTIFICATION

Routes of Entry: Eye contact, skin contact, ingestion.

Effects of Acute Exposure:

Inhalation: None expected under normal use conditions.

Eyes: Burning, redness, excessive tear production and severe irritation.

Skin: Irritation, itching, burning and/or redness.

Ingestion: Will cause severe irritation or burns to mouth, stomach, and digestive tract.

Effects of Chronic Exposure: None known.

Medical Conditions Generally Aggravated by Exposure: Dermatitis and other pre-existing skin conditions.

Carcinogenicity: NTP: N/A

IARC Monographs: N/A

OSHA Regulated: N/A

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove to fresh air. If person is having difficulty breathing, give oxygen and call a physician immediately.

Eyes: Rinse with water for at least 15 minutes. Seek medical attention immediately.

Skin: Rinse with water. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Drink a large quantity of water. (If available, give milk or 1 oz. of vinegar in equal amount of water.) Call a physician immediately. Never give anything to an unconscious person.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point (Method Used): N/A

Flammable Limits: N/A

Autoignition Temperature: N/A

Extinguishing Media: Foam, dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: Firefighters should use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to Be Taken in Case Material is Released or Spilled: Wear the proper personal protective equipment (see section 8). For small spills, wash the spill area with large amounts of water. For large spills, absorb spill with an absorbent material and place in a container for disposal. Wash the spill area with large amounts of water.

SECTION 7 – HANDLING AND STORAGE

Precautionary Information: Wash thoroughly after handling. Keep out of reach of children.

Handling and Storage Conditions: Store in a cool place.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Ventilation: General ventilation normally adequate.

Respiratory Protection (Specific Type): None.

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Page: 2 of 2

Protective Gloves: Latex, rubber, nitrile, or polyethylene.

Eye Protection: Safety glasses.

Other Protective Clothing or Equipment: Rubber apron recommended.

Work/Hygienic Practices: Read and follow label instructions.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Color: Orange

Odor: Light

Specific Gravity (H₂O = 1): 1.17

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): N/A

pH: 13.4

Product State: Liquid

Boiling Point: N/D

Vapor Pressure (mm Hg.): N/D

Vapor Density (AIR = 1): N/D

Solubility in Water: Complete

VOC: N/D

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Incompatibility (Materials to Avoid): Acids, strong oxidizers and reactive metals.

Hazardous Decomposition or By-products: May include and are not limited to hydrogen gas and oxides of carbon.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Contact with acids or oxidizers.

SECTION 11- TOXICOLOGICAL INFORMATION

Toxicological Data: N/A

SECTION 12- ECOLOGICAL INFORMATION

Environmental Data: N/A

SECTION 13- DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all applicable local, state, and federal regulations.

SECTION 14- TRANSPORTATION INFORMATION

DOT Regulations (Ground): Yes

IATA Regulations (Air): Yes

Proper Shipping Name: Corrosive liquid, basic, organic, n.o.s. (potassium hydroxide)

Hazard Class Number and Description: 8, corrosive

UN/NA Number: UN3267

Packaging Group: III

SECTION 15- REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

This product does not contain an amount of any chemical required to be reported under SARA 313.

SECTION 16 – OTHER INFORMATION

Additional Information: Use as directed.

Note: N/A or N/D as an information entry means the data is not applicable or determined, respectively.

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