

SODIUM SILICATE SOLUTION

MSDS Number

BHBTG

National Stock Number

6810-00-240-2125

Product Name

SODIUM SILICATE SOLUTION

Manufacturer

J L HOFFMAN CO INC

Product Identification

Product ID:SODIUM SILICATE SOLUTION

MSDS Date:09/18/1987

FSC:6810

NIIN:00-240-2125

MSDS Number: BHBTG

Responsible Party

J. L. HOFFMAN CO., INC.

ALLENTOWN , PA

18

Emergency Phone: 215-432-4466

Info Phone: NONE LISTED

Preparer: I. HADJULOUKAS

Cage: JO948

Contractor

LOCKHEED CORP LOCKHEED-GEORGIA CO DIV

MARIETTA, GA 30063

US

404-494-4411

Cage: 98897

Ingredients

SODIUM SILICATE

CAS: 6834-92-0

RTECS: VV9275000

Fraction By Weight: 100%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:EYES/CAUSES IRRITATION. SKIN/CAUSES IRRITATION. INHALATION SPRAY MIST MAY DAMAGERESPIRATORY TRACT.

Explanation of Carcinogenicity:NONE LISTED

Effects of Overexposure:NONE LISTED

Medical Cond Aggravated by Exposure:NONE LISTED

First Aid

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN. CALL PHYSICIAN. FLUSH SKIN WITH WATER

Fire Fighting

Flash Point:NA
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:NA
Fire Fighting Procedures:NA
Unusual Fire/Explosion Hazard:NA

Accidental Release

Spill Release Procedures:LESS THAN 100 GAL. MOP AND FLUSH TO SEWER WITH PLENTY OF WATER. LARGE QUANTITIES: ISOLATE, DIKE & STORE DISCHARGED MATERIAL, IF POSSIBLE. OTHERWISE DISPERSE AND FLUSH WITH WATER
OBSERVE ENVIRONMENTAL PROTECTION REGULATIONS.
Neutralizing Agent:SEE ABOVE

Handling

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN & CLOTHING - WASH THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING BEFORE RE-USE. KEEP CONTAINER CLOSED.
Other Precautions:NA

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED MIST RESPIRATOR WHERE SPRAY OCCURS.
Ventilation:NORMAL
Protective Gloves:RUBBER
Eye Protection:GOGGLES & FACE SHIELD
Other Protective Equipment:SAFETY SHOWER AND EYEWASH FOUNTAIN WITHIN DIRECT ACCESS.
Work Hygienic Practices:NONE LISTED
Supplemental Safety and Health
NONE LISTED

Chemical Properties

Boiling Pt:B.P. Text:NA
Decomp Temp:Decomp Text:NA
Vapor Pres:NA
Vapor Density:NA
Spec Gravity:1.3-1/5 LIQ ONL
pH:11/13
Evaporation Rate & Reference:NA
Solubility in Water:COMPLETE
Appearance and Odor:VISCOUS LIQUID, COLORLESS TO HAZE, ODORLESS
Percent Volatiles by Volume:NA

Stability

Stability Indicator/Materials to Avoid:YES
GELS WHEN MIXED WITH ACID.
Stability Condition to Avoid:FLAMMABLE HYDROGEN GAS MAY BE PRODUCED ON PROLONGED CONTACT WITH ALUMINUM, TIN, LEAD AND ZINC.
Hazardous Decomposition Products:HYDROGEN

Disposal

Waste Disposal Methods:LESS THAN 100 GAL,: FLUSH TO SEWER WITH PLENTY OF WATER. LARGER QUANTITIES: NEUTRALIZE WITH DILUTE ACID AND LANDFILL SOLIDS ACCORDING TO LOCAL, STATE,FEDERAL REGULATIONS.
FLUSH NEUTRAL LIQUID TO SEWER WITH PLENTY OF WATER

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