

J. L. HOFFMAN CO., INC. -- SODIUM SILICATE SOLUTION -- 6810-00-240-2125

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Product Identification  
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Product ID:SODIUM SILICATE SOLUTION

MSDS Date:09/18/1987

FSC:6810

NIIN:00-240-2125

MSDS Number: BHBTG

=== Responsible Party ===

Company Name:J. L. HOFFMAN CO., INC.

Box:8656

City:ALLENTOWN

State:PA

Country:18

Info Phone Num:NONE LISTED

Emergency Phone Num:215-432-4466

Preparer's Name:I. HADJU

LOUKAS

CAGE:JO948

=== Contractor Identification ===

Company Name:J. L. HOFFMAN CO., INC.

Box:8656

City:ALLENTOWN

State:PA

ZIP:18105

Country:US

Phone:215-432-4466

CAGE:JO948

Company Name:LOCKHEED CORP LOCKHEED-GEORGIA CO DIV

Address:86 S COBB DR

Box:City:MARIETTA

State:GA

ZIP:30063

Country:US

Phone:404-494-4411

CAGE:98897

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Composition/Information on Ingredients  
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Ingred Name:SODIUM SILICATE

CAS:6834-92-0

RTECS #:VV9275000

Fraction by Wt: 100%

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azards Identification =====

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 Measures =====

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

===== Fire Fighting Measures =====

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

===== Accidental Release Measures =====

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

===== Handling and Storage =====

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/Personal Protection =====

Respiratory Protection:USE NIOSH AP

PROVED MIST RESPIRATOR WHERE SPRAY OCCURS.

Ventilation:NORMAL

Protective Gloves:RUBBER

Eye Protection:GOGGLES & FACE SHIELD

Other Protective Equipment:SAFTEY SHOWER AND EYEWASH FOUNTAIN WITHIN DIRECT ACCESS.

Work Hygienic Practices:NONE LISTED

Supplemental Safety and Health NONE LISTED

===== Physical/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 Ra

te & Reference:NA

Solubility in Water:COMPLETE

Appearance and Odor:VISCIOUS LIQUID, COLORLESS TO HAZE, ODORLESS

Percent Volatiles by Volume:NA

===== Stability and Reactivity Data =====

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 Considerations =====

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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