

AMERICAN DEVELOPMENT CORPORATION -- SODIUM SILICATE SOLUTION :TEX-SIL 42BP --
6810-00-240-2125

===== Product Identification =====

Product ID:SODIUM SILICATE SOLUTION :TEX-SIL 42BP
MSDS Date:06/01/1985
FSC:6810
NIIN:00-240-2125
MSDS Number: BHXMJ
=== Responsible Party ===
Company Name:AMERICAN DEVELOPMENT CORPORATION
Address:HIGHWAY 118 WEST,ROUTE 2
Box:667
City:VANCEBORO
State:NC
ZIP:28586
Country:US
Info Phone Num:919-244-0782
Emergency Phone Num:919-244-0782
Preparer's Name:W.S.WETHERINGTON
CAGE:3J729

=== Contractor Identification ===
Company Name:AMERICAN DEVELOPMENT CORP
Address:1456 STATE CAMP ROAD
Box:385
City:VANCEBORO
State:NC
ZIP:28586
Country:US
Phone:919-244-0782
CAGE:3J729

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM SILICATE
CAS:1344-09-8
Fraction by Wt: 37.0%

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BAL

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL RAT=1280 MG/KG

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G,I.TRACT;REDNESS OR BURNS OF EYES ARE POSSIBLE.

Explanation of Carcinogenicity:DATA PER MGF MSDS.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PR

E-EXISTING CONDITIONS MAY BE WORSEN.

===== First Aid Measures =====

First Aid:EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT 15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:NOT EXPECTED

Fire Fighting Procedures:AVOID CONTACT WITH THIS MATERIAL.SOLUTION IS

SLIPPERY.USE PROPER PROTECTION.

Unusual Fire/Explosion Hazard:NOT EXPECTED

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;USE SUITABLE INERT ABSORBENT MATERIAL AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:DILUTE ACID

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTI

LATED

AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:WASH THOROUGHLY AFTER EACH USE.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST
IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH
FACILITIES,SAFETY SHOWER.

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k Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE
VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:230F,110C

Melt/Freeze Pt:M.P/F.P Text:50.0F,10.0C

Spec Gravity:1.41

pH:10.9

Evaporation Rate & Reference:VERY LOW

Solubility in Water:COMPLETE

Appearance and Odor:VISCOUS,CLEAR LIQUID.NO ODOR

Percent Volatiles by Volume:63.0

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACIDS,AL,SN,PB AND ZN

Stability Condition to Avoid:ACIDS

Hazardous Decomposition Products:NOT SPECIFIED

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===== Disposal Considerations =====

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN
ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

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r use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.