

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: BXXMJ  
=== 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: BALA

NCE

===== 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:PRE

-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 VENTIL

ATED

AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:WASH THOROUGHLY AFTER EACH USE.

===== 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.

Work

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

Supplemental Safety and Health

===== 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

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

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

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