

POLYSCIENCES INC -- SODIUM HYDROXIDE SOLUTION -- 6810-00-985-7093

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Product Identification  
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Product ID:SODIUM HYDROXIDE SOLUTION

MSDS Date:01/20/1988

FSC:6810

NIIN:00-985-7093

MSDS Number: BMBWP

=== Responsible Party ===

Company Name:POLYSCIENCES INC

Address:400 VALLEY ROAD

City:WARRINGTON

State:PA

ZIP:18976

Country:US

Info Phone Num:215-343-6484

Emergency Phone Num:215-343-6484

CAGE:9C3

65

=== Contractor Identification ===

Company Name:POLYSCIENCES INC

Address:400 VALLEY RD

Box:City:WARRINGTON

State:PA

ZIP:18976

Country:US

Phone:215-343-6484

CAGE:32939

Company Name:POLYSCIENCES INC

Address:PAUL VALLEY INDUSTRIAL PARK

City:WARRINGTON

State:PA

ZIP:18976

Country:US

Phone:215-313-6484

CAGE:9C365

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Composition/Information on Ingredients  
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Ingred Name:NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MISTS MAY CAUSE DAMAGE TO UPPER  
RESPIRATORY TRACT. CORROSIVE TO ALL TISSUE. CAN CAUSE BURNS TO SKIN  
& EYES. CAN CAUSE POSSIBLE BLINDNESS.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED  
BY MANUFACTURER.

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

First Aid:EYE:IMMED & CONTINUOUS IRRIGATION W/FLOWING WATER FOR AT  
LEAST 30 MINS IS IMPERATIVE. GET PROMPT MED ATTN. SKIN:SKIN BURN  
LIKELY. IMMED & CONTINUOUS WASHING IN FLOWING WATER FOR 30 MINS IS  
INDICATED. REMOVE CLTHG IMMED. CALL MD. DESTORY CONTAMD SHOES.  
WASH CLTHG BEFORE REUSE. INHAL:REMOVE TO FRESH AIR IF EFTS OCCUR.  
CALL MD. INGEST: CORR. DO NOT INDUCE VOM. GIVE LGE AMTS OF  
W  
ATER/MILK (SUPP DATA)

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

Flash Point:NONE  
Extinguishing Media:NON-COMBUSTIBLE. MEDIA SUITABLE FOR SURROUNDING  
FIRE CONDITIONS .  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NOT COMBUSTIBLE BUT CONTACT W/SOME METALS  
CAN GENERATE HYDROGEN GAS WHICH IS FLAMMABLE OR EXPLOSIVE.

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

Spill  
Release Procedures:ONLY TRAINED & PROPERLY PROTECTED PERSONNEL  
SHOULD UNDERTAKE CLEAN UP. CAUTIOUSLY DILUTE & NEUTRALIZE W/DILUTE  
ACID, PREFERABLY ACETIC ACID.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE.  
SEPARATE FROM ACID, METALS, EXPLOSIVES, PESTICIDES & EASILY  
IGNITABLE MATERIALS.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE A NIOSH/MSHA APPROVED DUST OR MIST  
RESPIRATOR IF REQUIRED.

Ventilation:LOCAL EXHAUST RECOMMENDED.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEM WRKRS GOG & FULL LGHT FSHLD..

Other Protective Equipment:WEAR FULL PROTECTIVE CLOTHING.EMERG EYE WASH  
AND DELUGE SHOWER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC:IF IMMEDIATELY AVAILABLE &  
TRANSPORT TO MEDICAL  
FACILITY.

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Physical/Chemical Properties  
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HCC:C2

Boiling Pt:B.P. Text:216F,102C

Spec Gravity:1.1

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID; NO ODOR.

Percent Volatiles by Volume:93

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

ACIDS, SOME ORGANIC COMPOUNDS & METALS.

Stability Condition to Avoid:ABSORBS CARBON DIOXIDE FROM THE AIR.

Hazardous

Decomposition Products:NONE.

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Disposal Considerations  
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Waste Disposal Methods:FLUSH NEUTRALIZED SOLUTION DOWN DRAIN W/LARGE  
EXCESS OF WATER. OBSERVE ALL FEDERAL, STATE & LOCAL REGULATIONS.

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