

OLIN CORP -- CPE134060 HYDRAZINE SOLUTION 70% -- 9135-01-049-9592

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Product Identification
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Product ID:CPE134060 HYDRAZINE SOLUTION 70%

MSDS Date:01/01/1995

FSC:9135

NIIN:01-049-9592

MSDS Number: BXNYT

=== Responsible Party ===

Company Name:OLIN CORP

Address:120 LONG RIDGE RD

Box:1355

City:STAMFORD

State:CT

ZIP:06904-1355

Country:US

Info Phone Num:203-356-3449

Emergency Phone Num:203-356

-3449

CAGE:8X135

=== Contractor Identification ===

Company Name:OLIN CORP

Address:51 CORPORATE WOODS 9393 W 110 ST

City:OVERLAND PARK

State:KS

ZIP:66210

Country:US

Phone:800-432-6546

CAGE:8X135

Company Name:OLIN CORPORATION

Address:501 MERRITT 7

Box:4500

City:NORWALK

State:CT

ZIP:06856-4500

Country:US

Phone:203-750-3000/800-511-MSDS

CAGE:99530

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Composition/Information on Ingredients
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Ingred Name:HYDRAZINE

INTENDED CHANGE (IC) = 0.01 MG/CUM

CAS:302-0

1-2
RTECS #:MU7175000
Fraction by Wt: 70%
OSHA PEL:0.1 PPM
ACGIH TLV:0.1 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 30%

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 90 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: NOSE/THROAT/UPPER
RESPIRATORY TRACT/LUNG IRRITATION, PULMONARY EDEMA,
LUNG/LIVER/KIDNEY/BLOOD/CNS DAMAGE, HEMOLYSIS OF BLOOD CELLS. SKIN:
SEVERE IRRITATION/BURNS/DERMATITIS. EYES: BURNS/PERMANENT CORNEAL
DAMAGE. INGESTION: GI TRACT IRRITATION/BURNS. HYDRAZINE IS
CONSIDERED MUTAGENIC, A SENSITIZER & TOXIC.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, INFLAMMATION, BRONCHITIS, VOMITING,
DIARRHEA, DIZZINESS, CYANOSIS, CONVULSIONS, ALLERGIC REACTION,
RASH, SWELLING, REDNESS, DISCHARGE, TEMPORARY BLINDNESS, ABDOMINAL
PAIN, BLEEDING, TISSUE ULCERATION.
Medical Cond Aggravated by Exposure:LIVER/KIDNEY/BLOOD/CARDIOVASCULAR
DISEASE & ASTHMA.

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

First Aid:EYES/SKIN: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR 15
MINS. INGESTION: IMMEDIATELY DRINK LARGE AMOUNTS OF WATER. INDUCE
VOMITING. DON'T GIVE ANYTHING BY MOUTH IF UNCONSCIOUS/CONVULSIVE.
INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NE

EDED. KEEP

WARM & QUIET. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:COC

Flash Point:147F

Lower Limits:4.7

Upper Limits:100

Extinguishing Media:WATER SPRAY.

Fire Fighting Procedures:USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.

WEAR A POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:ABSORPTION OF HYDRAZINE SOLUTION BY RAGS/COTTON WASTE

/SAWDUST/SIMILAR ORGANIC MATERIALS CAN RESULT IN SPONTANEOUS COMBUSTION. AUTO-IGNITION TEMP: 518F.

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

Spill Release Procedures:EVACUATE AREA/REMOVE IGNITION SOURCES/STOP SOURCE. AIR: SUPPRESS VAPORS W/WATER FOG. CONTAIN LIQUID FOR TREATMENT/DISPOSAL AS HAZARDOUS WASTE. WATER: SAFELY DIVERT WATER FLOW AROUND AREA. LAND: DIKE/TRENCH TO CONTAIN. DILUTE TO 10% W/WATER. (SUPP)

Neutralizing Agent:5-8% CALCIUM HYPOCHLORITE SOLUTION.

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

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA AWAY FROM IGNITION SOURCES. DON'T STORE >124F, EXPOSE TO DIRECT LIGHT. MAINTAIN INERT ATMOSPHERE OVER SOLUTION ALWAYS.

Other Precautions:DON'T CONTAMINATE. TRANSFER LINES & PIPING SHOULD BE ELECTRICALLY GROUNDED. RETEST MATERIAL >5 YEARS OLD BEFORE USE. AVOID CONTACT W/SKIN/EYES/CLOTHING. PACKAGE ONLY IN TEFLON/HIGH DENSITY POLYETHYLENE/304L/316L STAINLESS STEEL.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED FULL-FACE POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IF ANY EXPOSURE OCCURS.

Ventilation:LOCAL EXHAUST TO MAINTAIN LEVELS