

OLIN CORP -- CPE810004 UNSYMMETRICAL DIMETHYLHYDRAZINE -- 9135-00-753-4637

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Product Identification  
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Product ID:CPE810004 UNSYMMETRICAL DIMETHYLHYDRAZINE

MSDS Date:01/01/1995

FSC:9135

NIIN:00-753-4637

MSDS Number: BXNXR

=== 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:1,1-DIMETHYLHYDRAZINE, UDMH  
INTENDED C

HANGE (IC)  
CAS:57-14-7  
RTECS #:MV2450000  
Fraction by Wt: 95-99%  
Other REC Limits:0.5 PPM  
OSHA PEL:0.5 PPM  
ACGIH TLV:0.5 PPM  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:DIMETHYLAMINE  
CAS:124-40-3  
RTECS #:IP8750000  
Fraction by Wt: 1-5%  
Other REC Limits:10 PPM  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 0.1-1%

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

LD50 LC50 Mixtu  
re:ORAL LD50 (RAT): 122 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/PE RMANENT CORNEAL  
DAMAGE. INGESTION: GI TRACT IRRITATION/BURNS. 1,1-DIMETHYLHYDRAZINE  
IS CONSIDERED MUTAGENI  
C/SENSITIZER.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, INFLAMMATION, BRONCHITIS, VOMITING,  
DIARRHEA, NAUSEA, 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.

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

First Aid:EYES/SKIN: IMMEDIAT

ELY 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 NEEDED. KEEP  
WARM & QUIET. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:COC  
Flash Point:5F  
Lower Limits:2  
Upper Limits:95  
Extinguishing Media:CO2, DRY CHEMICAL, 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:AUTO-IGNITION TEMP: 482F. ABSORPTION OF  
1,1-DIMETHYLHYDRAZINE BY RAGS/COTTON WASTE/SAWDUST/SIMILAR ORGANIC  
MATERIALS WILL RESULT IN SPONTANEOUS COMBUSTION.

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

Spill Release Procedures:EVACUATE AREA/REMOVE IGNITION SOURCES/STOP  
SOURCE. AIR: SUPPRESS VAPORS W/WATER FOG. CONTAIN LIQUID FOR  
TREATMENT/NEUTRALIZATION. WATER: SAFELY DIVERT WATER FLOW AROUND  
AREA. REMOVE W/VACUUM SYSTEM/PUMPING DEVICE FOR  
TREATMENT/DISPOSAL. (SEE SUPP)

Neutralizing Agent:5% CALCIUM HYPOCHLORITE AQUEOUS 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.  
MAINT

AIN INERT ATMOSPHERE OVER SOLUTION ALWAYS.

Other Precautions:DON'T CONTAMINATE. CONTAINERS & HANDLING EQUIPMENT  
SHOULD BE ELECTRICALLY GROUNDED. RETEST MATERIAL >5 YEARS OLD  
BEFORE USE. AVOID CONTACT W/SKIN/EYES/CLOTHING. PACKAGE ONLY IN  
STAINLESS STEEL/ALUMINUM/TEFLON/POLYETHYLENE.

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

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

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tilation:LOCAL EXHAUST TO MAINTAIN LEVELS