

OLIN CORP CHEMICALS GROUP -- HYDRAZINE SOLUTION 70% -- 9135-01-049-9592

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Product Identification
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Product ID:HYDRAZINE SOLUTION 70%

MSDS Date:01/26/1990

FSC:9135

NIIN:01-049-9592

MSDS Number: BQHYN

=== Responsible Party ===

Company Name:OLIN CORP CHEMICALS GROUP

Address:120 LONG RIDGE RD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Info Phone Num:203-356-3449

Emergency Phone Num:203-356-2

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CAGE:53084

=== Contractor Identification ===

Company Name:OLIN CORP CHEMICALS GROUP

Address:120 LONG RIDGE RD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Phone:203-356-3449,CHEMTREC 800-242-9300

CAGE:53084

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:302-01-2
RTECS #:MU7175000
Fraction by Wt: 70%
OSHA PEL:S, 1 PPM
ACGIH TLV:S, 0.1 PPM, A2; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 90 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: NOSE/THROAT/UPPER
RESPIRATORY TRACT/LUNGS IRRITATION. INFLAMMATION OF RESPIRATORY
TRACT LEADING TO BRONCHITIS. PULMONARY EDEMA. SKIN: IRRITATION,
BURNS, DERMATITIS. EYES: INFLAMMATION/SWEL
LING/REDNESS/DISCHARGE/TEMPORARY BLINDNESS/BURNS/CORNEAL
DAMAGE/VISION IMPAIRMENT. INGESTION: GI IRRITATION/BURNS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: INFLAMMATION OF THE
NASAL/TRACHEAL/BRONCHIAL TISSUE. BRONCHITIS.
LIVER/KIDNEYS/BLOOD/LUNGS DAMAGE. FETAL TOXICITY&
MALFORMATIONS.

CANCER. SKIN: ALLERGIC REACTION/DERMATITIS/RASH. INGESTION :
INFLAMMATION OF THE GI TRACT. OTHER EFFECTS SIMILAR TO THOSE FOR
INHALATION.

Medical Cond Aggravated by Exposure:DISEASES OF THE LIVER, KIDNEYS,
BLOOD, ASTHMA & CARDIOVASCULAR DISEASE.

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

First Aid:EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST
15 MINS. SKIN: IMMEDIATELY WASH W/WATER FOR AT LEAST 15 MINS.
INGESTION

: IMMEDIATELY DRINK LARGE QUANTITIES OF WATER. INDUCE VOMITING. DON 'T GIVE ANYTHING BY MOUTH IF UNCONSCIOUS OR HAVING CONVULSIONS. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP WARM & REST. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:COC

Flash Point:68C (154F)

Lower Limits:4.7%

Upper Limits:100%

Extinguishing Media:WATER SPRAY

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

USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:AUTO IGNITION TEMPERATURE: 270C (518F).

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

Spill Release Procedures:DIKE SPILL AREA. DILUTE MATERIAL TO CONCENTRATION OF HYDRAZINE TO