

CITY CHEMICAL CO -- GLYCEROL ACS REAGENT -- 6810-00-222-2636

===== Product Identification =====

Product ID:GLYCEROL ACS REAGENT

MSDS Date:10/01/1996

FSC:6810

NIIN:00-222-2636

MSDS Number: BSRXC

=== Responsible Party ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Info Phone Num:201-653-6900

Emergency Phone Num:201-653-6900

Preparer's Name:P

ETER WOLPERT

Chemtrec Ind/Phone:(800)424-9300

CAGE:8G980

=== Contractor Identification ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

Box:City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-424-9300(CHEMTREC)

CAGE:8G980

Company Name:CITY CHEMICAL CORPORATION

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-248-2436

CAGE:83628

Company Name:CITY CHEMICAL LLC

Address:139 ALLINGS CROSSING ROAD

Box:City:WEST HAVEN

State:CT

ZIP:

06516
Country:US
Phone:800-248-2436/203-932-2489
CAGE:1GKT4

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Composition/Information on Ingredients
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Ingred Name:GLYCERIN (GLYCEROL)
CAS:56-81-5
RTECS #:MA8050000
Fraction by Wt: NP
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 (MIST)
ACGIH TLV:10 MG/M3 (MIST);9596

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Hazards Identification
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LD50 LC50 Mixture:ORAL RAT LD50 1200MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:
NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY BE HARMFUL BY INHAL/INGEST/SKIN
ABSORPTION.CAUSES EYE IRRIT.MAY CAUSE SKIN IRRIT.PROL EXPO CAN
CAUSE NAU,HEADACHE,VOMITING.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:HARMFUL BY INHAL/INGEST/SKIN ABSORPTION.EYE
IRRIT,SKIN IRRIT,NAUSEA,HEADACHE,VOMITING.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.
TARGET ORGANS:BEHAVIORAL(HEADACHCE),GI TRACT,PATERNAL
EFFECTS,FERTILITY EFFECTS

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First Aid Measures
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First Aid:CONTACT IMMED FLUSH EYE/SKIN W/COPIOUS AMTS OF WATER FOR
@LEAST 15MINS WHILE REMOVING CONTAM CLOTH/SHOES.INHAL REMOVE TO
FRESH AIR.NOT BREATH GIVE ART RESP;BREATHING DIFFI GIVE OXY.INGEST
WASH OUT MOU TH W/WATER PROVIDED PERSON IS CONSC.CALLPHYSICIAN.

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Fire Fighting Measures
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Flash Point:=160.C, 320.F
Autoignition Temp:=370.C, 698.F
Lower Limits:NP
Upper Li

mits:NP

Extinguishing Media:WATER SPRAY,CARBON DIOXIDE,DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN/EYES.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:WEAR RESP,CHEM SAF GOGG,RUBB BOOTS,HEAVY RUBB GLOVES.ABSORB ON SAND OR VERMICULITE & PLACE IN CLOSED CONTAINERS

FOR DISPOSAL.VENTI AREA & WASH SPILL SITE AFT MATL PICKUP IS COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:VIOLENT/EXPLO RX HAVE OXIDIZED UPON DIRECT CONTACT W/SODIUMHYDRIDE,PHOSPHORUS TRIOXIDE,PERCHLORIC ACID,CHLORIN,CALCIUM HYPOCHLORITE,NITRIC ACID(OTHPRC)

Other Precautions:HYDROFLUORIC ACID,NITRIC ACID & SULFURIC ACID,SODIUM PEROXIDE,H2O2,KMNO4.DONT BRE

ATH VAP.AVOID EYE/SKIN/CLOTH

CONTACT.EYE IRRIT.KEEP TIGHTLY CLSD.HYGROSCOPIC.STORE IN COOL DRY PLACE.

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

Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA APPROV RESPIRATOR.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:CHEM-RESIST GLOVES

Eye Protection:SAF GOGGLES

Other Protective Equipment:OTHER PROTECTIVE CLOTHING.SAF SHOWER,EYEBATH.

Work Hygienic Practices:WASH CONTAM CLOTH BEFORE REUSE.WASH THOROUGHLY

AFT HNDLG.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=182.2C, 360.F

Melt/Freeze Pt:=20.C, 68.F

Decomp Temp:Decomp Text:NP

Vapor Pres: