

GENERAL CHEMICAL CORPORATION -- 2-PROPANOL -- 6810-00-586-6647

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Product Identification
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Product ID:2-PROPANOL

MSDS Date:09/01/1986

FSC:6810

NIIN:00-586-6647

MSDS Number: BFGTC

=== Responsible Party ===

Company Name:GENERAL CHEMICAL CORPORATION

Address:CN 1829

City:MORRISTOWN

State:NJ

ZIP:07960-1829

Info Phone Num:201-455-5630

Emergency Phone Num:201-455-3700

CAGE:GENCH

=== Contractor Id

entification ===

Company Name:ALLIED-SIGNAL INC

Box:2332R

City:MORRISTOWN

State:NJ

ZIP:07962-2332

Country:US

Phone:201-455-4414

CAGE:1L164

Company Name:GENERAL CHEMICAL CORP

Address:5568 SCHAEFER AVE

City:CHINO

State:CA

Country:US

Phone:714-591-8451

CAGE:GENCH

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 99.5%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHALATION-IRRITATION OF MUCOUS
MEMBRANE. INGESTION:NAUSEA,VOMITING,ABDOMINAL PAIN, CENTRAL NERVOUS
SYSTEM DEPRESSION. SKIN:REPEATED EXPOSURE MAY CAUSE
DERMATITIS.EYES:STINGING AND BURNING SENSATION. CHRONIC:NONE
KNOWN.

Effects of Overexposure:CAN PRODUCE SEVERE CENTRAL NERVOUS SY
STEM
DEPRESSION, COMA AND POSSIBLY FATAL RESPIRATORY FAILURE. TEMPORARY
DAMAGE TO THE MEMBRANOUS TISSUE COVERING THE CORNEA HAS BEEN
OBSERVED AFTER PROLONGED CONTACT WITH LIQUID.

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

First Aid:INHALE:REMOVE TO FRESH AIR. IF BREATHING DIFFICULT, GET
QUALIFIED PERSON TO ADMINISTER OXYGEN. CALL DR.INGEST:IF CONSCIOUS
AND ALERT GIVE LARGE AMOUNTS OF WATER AND INDUCE VOMITING. CALL
DR.EYES:FLUSH WITH WATER FOR
R 15 MIN. SEE DR.IF IRRITATION
PERSISTS. SKIN:WASH THOROUGHLY W/WATER AND REMOVE CONTAMINATED
CLOTHING.WASH CLOTHING BEFORE REUSING.

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

Flash Point:53F,12C (CC)
Lower Limits:2.0
Upper Limits:12.0
Extinguishing Media:DRY CHEMICAL, "ALCOHOL" FOAM, OR CO2. WATER MAY BE
INEFFECTIVE.
Fire Fighting Procedures:SCBA,NIOSH-APPROVED,(E.G. CHEMICAL CARTRIDGE
RESPIRATOR W/ ORGANIC VAPOR CARTRIDGE AND FULL FACEPIECE)KEEP
FIRE-EXPOSED CONTAINER COOL,REDUCE VAPORS W/H2O SPRAY.
Unusual Fire/Explosion Hazard:FIRE MAY PRODUCE IRRITATING OR TOXIC
GASES.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES.REMOVE UNPROTECTED
PERSONS.STOP LEAK W/O RISK.SM SPILL:ABSORB IMMEDIATELY,PLACE IN
METAL CONT AND SEAL.LG SPILL: USE H*2O SPRAY TO KNOCK DOWN
VAPORS/PROTECT MEN STOPPING LEAK /FLUSH SPILLS.DIKE,USE WATER TO
DILUTE TO NONFLAMM

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Handling and Storage
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Handling and Storage Precautions:KEEP AWAY FROM HEAT, OPEN FLAME OR OTHER HIGH TEMP SOURCES.AVOID CONTACT WITH SKIN,EYES AND CLOTHING;AVOID BREATHING VAPORS OR MIST.

Other Precautions:PROTECT FROM PHYSICAL DAMAGE. STORE IN A COOL,DRY,WELL VENTILATED AREA AWAY FROM IGNITION SOURCES AND OTHER FIRE HAZARDS 2-PROPANOL CORRODES MANY TYPES OF RUBBER; USE NEOPRENE EQUIPMENT.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE USUALLY IF HANDLING IS IN CLOSED VENTILATION. OTHERWISE, USE NIOSH-APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR. IN EMERGENCY OR SPILL USE NIOSH-APPROVED SCBA.

Ventilation:COMPLETE VENTILATED ENCLOSURE OF MATERIAL,EG, AN EXHAUSTED HOOD OF EXPLOSION-PROOF CONSTRUCTION.

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:CHEMICAL GOGGLES,NO CONTACT LENSES.

Other Protective Equipment:PROTECTIVE CLOTHING(FULL WORK CLOTHING)

Work Hygienic Practices:

USE GOOD PERSONAL HYGIENE AND HOUSEKEEPING PRACTICES.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:F2

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-127F

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.785

pH:7.0

Evaporation Rate & Reference:7.7(ETHER=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID, SLIGHT ODOR, RESEMBLING A MIXTURE OF ACETONE AND ETHANOL.

Percent Volatiles by Volume:

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

STRONG OXIDANTS IN GENERAL

Hazardous Decomposition Products: NO STUDIES AVAILABLE, BUT CARBON

MONOXIDE, CARBON DIOXIDE, AND POSSIBLY ALDEHYDES WOULD BE EXPECTED.

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Disposal Considerations
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Waste Disposal Methods: DISPOSAL SUBJECT TO FEDERAL, STATE, LOCAL

REGS. USERS SHOULD REVIEW OPERATIONS FOR COMPLIANCE, THEN CONSULT

APPROPRIATE RE

GULATORY AGENCIES BEFORE DISPOSING OF WASTE MATERIAL.

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