

HUNTSMAN SPECIALTY CHEMICALS CORPORATION -- PGIND PROPYLENE GLYCOL-INDUSTRIAL --
6810-00-394-3555

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

Product ID:PGIND PROPYLENE GLYCOL-INDUSTRIAL

MSDS Date:06/02/1998

FSC:6810

NIIN:00-394-3555

MSDS Number: CGLRY

=== Responsible Party ===

Company Name:HUNTSMAN SPECIALTY CHEMICALS CORPORATION

Address:500 HUNTSMAN WAY

City:SALT LAKE CITY

State:UT

ZIP:84108

Country:US

Info Phone Num:713-235-6432

Emergency Phone Num:409-727-0831/800-424-9300,CHEMTREC

CAGE:LO308

=== Contractor Identification ===

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

CAGE:0A9L8

Company Name:HUNTSMAN SPECIALTY CHEMICALS CORPORATION

Address:500 HUNTSMAN WAY

Box:City:SALT LAKE CITY

State:UT

ZIP:84108

Country:US

Phone:713-235-6432

CAGE:LO308

Company Name:MAGNOLIA CHEMICALS AND SOLVENTS

Address:1020 SAMS AVENUE

Box

:10276
City:NEW ORLEANS
State:LA
ZIP:70181-0278
Country:US
Phone:504-733-6600
CAGE:0LNB7

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Composition/Information on Ingredients
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Ingred Name:1,2-PROPANEDIOL/PROPYLENE GLYCOL
CAS:57-55-6
RTECS #:TY2000000
Fraction by Wt: 100.00%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5,000 MG/KG.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:
NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,
RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE EYE DISCOMFORT.
PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DEFATTING. INHALATION OF
MISTS CAN CAUSE IRRITATION, DIZZINESS, HEADACHE, UNCONSCIOUSNESS.
INGESTION OF SEVERAL MOUTHFULS MAY CAUSE DISCOMFORT. ASPIRATION
HAZARD. CHRONIC- NONE .
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, SKIN DRYNESS, HEADACHE, DIZZINESS,
UNCONSCIOUSNESS
Medical Cond Aggravated by Exposure:NONE

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15
MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO
NOT INDUCE VOMITING. IF CONSCIOUS, DRINK TWO GLASSES OF WATER.
SEEK MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS.
DRINK MORE WATER. DO NOT GIV

E ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:CC

Flash Point:212F,100C

Lower Limits:2.6

Upper Limits:12.5

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM/DRY CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:NON

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

Spill Release Procedures:ABSORB SPILL WITH INERT MATERIAL SUCH AS VERMICULITE. PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION. PREVENT FLOW TO SEWERS AND WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY FROM FLAMES. KEEP CONTAINER TIGHTLY CLOSED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. AVOID EYE CONTACT. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED.

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

Respiratory Protection:NONE NORMALLY NEEDED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED, WEAR NIOSH-APPROVED ORGANIC

C VAPOR AND MIST RESPIRATOR OR AIR-SUPPLIED RESPIRATOR (REFER TO 29 CFR 1910.134).

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS

Protective Gloves:RUBBER FOR PROLONGED/REPEATED CONTACT

Eye Protection:CHEMICAL SPLASH GOGGLES IF SPLASHING

Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IF EVACUATION OF STOMACH IS NECESSARY, USE GASTRIC LAVAGE AFTER ENDOTRACHEAL INTUBATION.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=187.2C, 369.F

B.P. Text:369F,187C

Melt/Freeze Pt: