

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

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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:N  
O 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 GIVE

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:NONE

===== 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

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: