

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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nfo 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

===== Composition/Information on Ingredients =====

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

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

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

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

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: