

PHOENIX INDUSTRIES INC -- ISOPROPANOL, ANHYDROUS -- 6810-00-543-7915

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Product Identification
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Product ID:ISOPROPANOL, ANHYDROUS

MSDS Date:04/17/1998

FSC:6810

NIIN:00-543-7915

Status Code:A

MSDS Number: CJHXC

=== Responsible Party ===

Company Name:PHOENIX INDUSTRIES INC

Address:11028 LEADBETTER RD UNIT 10

City:ASHLAND

State:VA

ZIP:23005

Country:US

Info Phone Num:804-264-5183

Emergency

Phone Num:804-264-5183

Chemtrec Ind/Phone:(800)424-9300

CAGE:0YED2

=== Contractor Identification ===

Company Name:PHOENIX INDUSTRIES INC

Address:1519 CHAMBERLAYNE PARKWAY

Box:City:RICHMOND

State:VA

ZIP:23222

Country:US

Phone:804-264-5183/FAX: 264-5535

Contract Num:SP0450-99-M-C829

CAGE:0YED2

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Composition/Information on Ingredients
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Ingred Name:ISOPROPANOL, ANHYDROUS

CAS:67-63-0

RTECS #:NT8050000

= Wt:100.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:980 MG/M3;400 PPM

OSHA STEL:500 PPM
ACGIH TLV:983 MG/M3;400 PPM
ACGIH STEL:1230 MG/M3;500 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: EYE, SKIN, CNS,
RESPIRATORY AND GI TRACTS (HMIS). ACUTE - EYE CONTACT: LIQUID
CAUSES SLIGHT TO MODERATE IRRITATION WITH POTENTIAL FOR CORNEAL
INJURY. SKIN CONTACT: PROLONGED CONTACT MAY CAUSE DRYNESS AND
CRACKING. PROLONGED EXPOSURE OVER LARGE AREAS MAY RESULT IN
ABSORPTION OF HARMFUL AMOUNTS BY INFANTS. INHALATION: EXPOSURE TO
LOW CONCENTRATIONS MAY CAUSE NOSE AND THROAT IRRITATION . EXPOSURE
TO CONCENTRATIONS ABOVE TLV MAY CAUSE HEADACHE AND DROWSINESS.
SWALLOWING: SLIGHTLY TOXIC. INGESTION OF A LARGE QUANTITY MAY CAUSE
LOSS OF CONSCIOUSNESS, NAUSEA, VOMITING, STOMACH PAINS. CHRONIC -
NO DATA TO SHOW ADVERSE EFFECTS

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYE IRRITATION WITH POTENTIAL FOR CORNEAL
INJURY, SKIN DRYNESS AND CRACKING, NOSE AND THROAT IRRITATION,
HEADACHE, DROWSINESS, LOSS OF CONSCIOUSNESS, NAUSEA, VOMITING,
STOMACH PAINS, CRAMPS

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

First Aid:N/P. WASH THOROUGHLY AFTER HANDLING ANY CHEMICAL MATERIAL.
CONSULT A PHYSICIAN IF EYE CONTACT OCCURS OR INGESTED (HMIS).

===== Fire Fighting Measures =====
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Flash Point Method:TCC
Flash Point:=-11.7C, 53.F
63F TOC

Lower Limits:2.0 %
Upper Limits:12.7 % @200F

Extinguishing Media:APPLY ALCOHOL-TYPE OR GENERAL PURPOSE FOAMS USING
TECHNIQUES RECOMMENDED BY MANUFACTURER FOR LARGE FIRES. FOR SMALL
FIRES, USE CO2 OR DRY CHEMICAL AGENTS.

Fire Fighting Procedures:USE WATER SPRAY TO COOL CONTAINERS EXPOSED TO
FIRE. WATER SPRAY CAN DISPERSE VAPORS BUT REIGNITION MAY OCCUR. USE
SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING

NG IN FIRE

EXPOSURE SITUATIONS .

Unusual Fire/Explosion Hazard:VAPORS FROM THIS PRODUCT MAY BE IGNITED BY SPARKS OR OPEN FLAMES OR ELECTRICAL EQUIPMENT. VAPORS MAY SETTLE IN LOW PLACES OR TRAVEL LONG DISTANCES TO A SOURCE OF IGNITION AND THUS CAUSE EXPLOSIVE FLAS HBACK. THIS PRODUCT MAY CAUSE A FLOATING FIRE HAZARD.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM HEAT, SPARKS AND OPEN FLAMES.

Other Precautions:CAUSES EYE IRRITATION. FOR INDUSTRIAL USE ONLY. WARNING! FLAMMABLE. KEEP CONTAINER CLOSED UNTIL READY FOR USE. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:USE A NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS IN HIGH VAPOR CONCENTRATIONS.

Ventilation:USE LOCAL VENTILATION AT POINTS WHERE VAPORS ARE EXPECTED TO BE PRESENT. USE GENERAL MECHANICAL ROOM VENTILATION AS REQUIRED.

Protective Gloves:RUBBER OR NEOPRENE OR PLASTIC

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH SYSTEM, BODY FLUSH

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=82.3C, 180.1F

Melt/Freeze Pt:=-88.5C, -127.3F

Vapor Pres:3

3 @ 68F

Vapor Density:2.07

Spec Gravity:0.7864

Evaporation Rate & Reference:2.88 (BUTYL ACETATE = 1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID, CHARACTERISTIC ODOR

Percent Volatiles by Volume:100

==== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS (HMIS).

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