

PHOENIX INDUSTRIES INC -- ISOPROPANOL, ANHYDROUS -- 6810-01-190-2538

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Product Identification
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Product ID:ISOPROPANOL, ANHYDROUS

MSDS Date:12/09/1993

FSC:6810

NIIN:01-190-2538

Status Code:A

MSDS Number: CJKLS

=== 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-C629

CAGE:0YED2

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Composition/Information on Ingredients
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Ingred Name:2-PROPANOL

CAS:67-63-0

RTECS #:NT8050000

OSHA PEL:980 MG/M3;400 PPM

ACGIH TLV:983 MG/M3;400 PPM

ACGIH STEL:1230 MG/M3;500 PP

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION: SLIGHTLY TOXIC. LARGE

QUANTITY MAY CAUSE DROWSINESS OR LOSS OF CONSCIOUSNESS.

INHALATION: MAY CAUSE NOSE AND THROAT IRRITATION. SKIN: PROLONGED

EXPOSURE OVER LARGE AREAS MAY RESULT IN ABSORPTION OF HARMFUL

AMOUNTS BY INFANTS WITH RESULTING SYMPTOMS AS FOLLOWS:

R SWALLOWING.

EYES: LIQUID CAUSES SLIGHT TO MODERATE IRRITATION WITH POTENTIAL

FOR CORNEAL INJURY.

Explanation of Carcinogenicity:NOT SPECIFIED BY MANUFACTURER. HOWEVER,

NOT FOUND BY HMIS TO BE ON NTP, IARC, OR OSHA LISTS AS A

CARCINOGEN.

Effects of Overexposure:INGESTION: MAY CAUSE NAUSEA, VOMITING, STOMACH

PAINS, AND CRAMPS. INHALATION: MAY CAUSE HEADACHE AND DROWSINESS.

SKIN: MAY CAUSE DRYNESS AND CRACKING. EYES: CAUSES IRRITATION.

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First Aid
Measures
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First Aid:NOT PROVIDED BY MANUFACTURER.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:=-11.7C, 53.F

Lower Limits:2.0

Upper Limits:12.7 AT 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.

RE. WATER SPRAY CAN DISPERSE VAPORS BUT REIGNITION MAY OCCUR. USE
SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING 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 FLASHBACK. THIS PRODUCT MAY CAUSE A
FLOATING FIRE HAZARD.

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Handling and
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Storage =====

Handling and Storage Precautions:FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES. KEEP CONTAINERS CLOSED UNTIL READY FOR USE. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:USE 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.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=82.3C, 180.1F

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

Vapor Pres:(20C)33MM HG

Vapor Density:AIR=1,2.07

Spec Gravity:(WATER=1)0.7864

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

Solubility in Water:COMPLETELY SOLUBLE

Appearance and Odor:COLORLESS LIQUID, CHARACTERISTIC ODOR.

===== Ecological Information =====

Ecological:RELEASED INTO SOIL, PRODUCT EXPECTED TO QUICKLY EVAPORATE; MAY LEACH INTO GROUNDWATER; MAY BIODEGRADE TO MODERATE EXTENT. WHEN RELEASED INTO WATER, PRODUCT EXPECTED TO EVAPORATE; HAVE A HALF-LIFE BETWEEN 1 TO 10 DAYS; BIODEGRADE TO MODERATE EXTENT. MATERIAL IS NOT EXPECTED TO BIOACCUMULATE. WHEN RELEASED INTO AIR, EXPECTED

TO BE DEGRADED BY REACTION WITH PHOTOCHEMICALLY PRODUCED HYDROXYL RADICALS; HAVE A HALF-LIFE BETWEEN 1 TO 10 DAYS; MAY BE REMOVED FROM ATMOSPHERE TO A MODERATE EXTENT BY WET DEPOSITION. LC50/96-HOUR VALUES FOR FISH ARE > 100 MG/L. MATERIAL IS NOT EXPECTED TO BE TOXIC TO AQUATIC LIFE.

===== MSDS Transport Information =====

Transport Information:DOMESTIC (LAND D.O.T.): PROPER SHIPPING NAME: ISOPROPANOL. HAZARD CLASS: 3, UN 1219, PACKING GROUP

P: I II. AIR

(ICAO): : PROPER SHIPPING NAME: ISOPROPANOL, HAZARD CLASS: 3, UN
1219. PACKING GROUP: I I.

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===== Regulatory Information =====

SARA Title III Information:SARA 302: ISOPROPYL ALCOHOL, CAS#67-63-0:
RQ= NO; TPQ= NO. WATER, CAS#7732-18-5: RQ= NO; TPQ= NO. SARA 313:
ISOPROPYL ALCOHOL CAS# 67-63-0: LIST= YES; CHEMICAL CATAGORY.= NO.
WATER, CAS# 7732-18-5; LIST= NO; CHEMICAL CATG.=NO.
Federal Regulatory Information:ISOPROPANOL ALCOH
OL AND WATER ARE NOT
LISTED UNDER RCRA OR TSCA.

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===== Other Information =====

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