

PHOENIX INDUSTRIES INC -- ISOPROPANOL - DOSS WETTING AGENT -- 6850-00-285-9432

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Product Identification
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Product ID:ISOPROPANOL - DOSS WETTING AGENT

MSDS Date:09/12/2001

FSC:6850

NIIN:00-285-9432

Status Code:A

MSDS Number: CLNTX

=== Responsible Party ===

Company Name:PHOENIX INDUSTRIES INC

Address:1519 CHAMBERLAYNE PARKWAY

City:RICHMOND

State:VA

ZIP:23222

Country:US

Info Phone Num:804-264

-5183/FAX: 264-5535

Emergency Phone Num:(800) 424-9300

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:SP0450-01-M-ZH52

CAGE:0YED2

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL

CAS:67-63-0

RTECS #:NT8050000

= Wt:75.

OSHA PEL:980 MG/M3;400 PPM

ACGIH TL

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

Ingred Name:DIOCTYL SULFOSUCCINATE SODIUM
CAS:577-11-7
RTECS #:WN0525000
= Wt:25.

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

LD50 LC50 Mixture:ORAL, RAT, LD50: 5045 MG/KG ,ISOPROPANOL
Health Hazards Acute and Chronic:FLAMMABLE LIQUID. HARMFUL IF SWALLOWED
OR INHALED. MAY CAUSE RESPIRATORY IRRITATION AND SKIN IRRITATION.
MAY CAUSE SERIOUS DAMAGE TO EYES. MAY REACT VIOLENTLY WITH STRONG
OXIDIZING AGENTS.

Eff
ects of Overexposure:FLAMMABLE LIQUID. HARMFUL IF SWALLOWED OR
INHALED. MAY CAUSE RESPIRATORY IRRITATION AND SKIN IRRITATION. MAY
CAUSE SERIOUS DAMAGE TO EYES.

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

First Aid:SKIN CONTACT: WASH EXPOSED AREA WITH WATER FOR 15 MINUTES.
LAUNDRER EXPOSED CLOTHING BEFORE REUSE. IF IRRITATION OCCURS OR
PERSISTS, GET MEDICAL ATTENTION. EYE CONTACT: FLUSH WATER FOR 15
MINUTES. GE T MEDICAL ATTENTION. INGESTION: INDUCE
VOMITING AS
DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON. GET IMMEDIATE MEDICAL ASSISTANCE. SHOW THIS
CONTAINER AND LABEL TO MEDICAL PERSONNEL TO HELP IN IDENTIFICATION
OF CONTAINER CONTENTS.

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

Flash Point Method:CC
Flash Point:=12.C, 53.6F
ISOPROPANOL
Autoignition Temp:=399.C, 750.2F
Lower Limits:2.0
Upper Limits:12.7
Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHO

L FOAM, OR CARBON DIOXIDE.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS, DILUTE SPILLS TO NONFLAMMABLE MIXTURES, PROTECT PERSONNEL ATTEMPTING TO STOP LEAK, DISPERSE VAPORS.

Unusual Fire/Explosion Hazard:ABOVE FLASH POINT, VAPOR-AIR MIXTURES ARE EXPLOSIVE WITHIN FLAMMABLE LIMITS NOTED ABOVE. CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE OR EXPLOSION. VAPORS CAN FLOW ALONG SURFACES TO DISTANT IGNITION SOURCE AND FLASH BACK. SENSITIVE TO STATIC DISCHARGE.

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

Spill Release Procedures:VENTILATE SPILL AREA. REMOVE SOURCES OF IGNITION. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. ISOLATE HAZARD AREA. KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING. CONTAIN AND RECOVER LIQUID WHEN POSSIBLE. USE NON-SPARKING TOOLS AND EQUIPMENT. COLLECT LIQUID IN AN APPROPRIATE CONTAINER OR ABSORB WITH AN INERT MATERIAL (E.G., VERMICULITE, DRY SAND, EARTH), AND (CONTD. SEE "OTHER INFO")

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED LOCATION, AWAY FROM ANY AREA WHERE THE FIRE HAZARD MAY BE ACUTE. SEPARATE FROM INCOMPATIBLES. STORAGE AND USE AREAS SHOULD BE NONSMOKING AREAS.USE IN WELL-VENTILATED AREA. WEAR PERSONAL PROTECTION WHERE EXPOSURE IS PRESENT. WEAR APPROPRIATE PROTECTION FOR EYES.

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY SINCE THEY RETAIN PRODUCT RESIDUE (VAPORS, LIQUID); OBSERVE ALL WARNINGS AND PRECAUTIONS LISTED FOR THE PRODUCT.

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

Respiratory Protection:IN EVENT OF A FIRE, WEAR A NIOSH-APPROVED SELF-CONTAINED BREATHING APP

ARATUS WITH FULL FACEPIECE OPERATED IN
THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

Ventilation:USE IN WELL-VENTILATED AREA.

Eye Protection:WEAR APPROPRIATE PROTECTION FOR EYES.

Other Protective Equipment:WEAR PERSONAL PROTECTION WHERE EXPOSURE
HAZARD IS PRESENT. WEAR APPROPRIATE PROTECTION FOR EYES AS MAY BE
REQUIRED TO PROTECT FROM SPLASH OR LIQUID MIST/SPRAY.

Supplemental Safety and Health

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

HCC:F2

Vapor

Pres:44 @25C (77F)

Vapor Density:0.82

Spec Gravity:0.82

pH:SLIGHTLY BASIC

Solubility in Water:MISCIBLE

Appearance and Odor:CLEAR TO LIGHT AMBER LIQUID; ALCOHOLIC ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

HEAT,FLAME,STRONG OXIDIZERS,ACETALDEHYDE,ACIDS,CHLORINE,ETHYLENE
OXIDE,HYDROGEN-PALLADIUM COMBINATION,HYDROGEN PEROXIDE-SULFURIC
ACID COMBINATION,POTASSIUM TERT-BUTOXIDE,HYPOCHLOROUS
ACID,ISOCYANATES,NITROFOR

M,PHOSGENE,ALUM

Stability Condition to Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE
AND STORAGE. HEAT AND SUNLIGHT CAN CONTRIBUTE TO INSTABILITY. AVOID
HEAT, FLAMES, IGNITION SOURCES AND INCOMPATIBLES.

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE MAY
FORM WHEN HEATED TO DECOMPOSITION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:ISOPROPYL ALCOHOL (CAS # 67-63-0

): ORAL, RAT,

LD50: 5045 MG/KG; SKIN, RABBIT, LD50: 12.8 GM/KG; INHALATION, RAT,

LC50: 16,000 PPM/8-HR; INVESTIGATED AS A TUMORIGEN, MUTAGEN,

REPRODUCTIVE EFFECTOR. DIOCTYL SODIUM SULFOSUCCINATE (CAS #

577-11-7): ORAL, RAT, LD50: 1900 MG/KG.

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

Transport Information:DOT CLASSIFICATION: FLAMMABLE LIQUID N.O.S.;

CLASS: 3; UN 1993; PKG: I I.

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

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