View NSN Online: https://aerobasegroup.com/nsn/6810-00-586-6647

Product ID: ISOPROPYL ALCOHOL

MSDS Date:12/08/1999

FSC:6810

NIIN:00-586-6647 Status Code:A

MSDS Number: CKFXQ === Responsible Party ===

Company Name: PHOENIX INDUSTRIES INC Address: 11028 S 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:SP0450-00-M-D855

CAGE:0YED2

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

Ingred Name: ISOPROPYL ALCOHOL

CAS:67-63-0

RTECS #:NT8050000 Minumum % Wt:90. Maxumum % Wt:100.

OSHA PEL:980 MG/M3;400 PPM ACGIH TLV:983 MG/M3;400 PPM

ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name:WATER CAS:7732-18-5 RTECS #:ZC0110000 Minumum % Wt:0. Maxumum % Wt:10.

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

LD50 LC50 Mixture:ORAL RAT LD50: 5045 MG/KG

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

Health Hazards Acute and Chronic:INHALATION OF VAPORS IRRITATES THE RESPIRATORY TRACT. EXPOSURE TO HIGH CONCENTRATIONS HAS A NARCOTIC EFFECT. INGESTION: CAN CAUSE DROWSINESS, UNCONSCIOUSNESS, & DEATH. GASTROINTESTINAL PAIN, CRAMPS, N AUSEA, VOMITING, AND DIARRHEA MAY ALSO RESULT. THE SINGLE LETHAL DOSE FOR A HUMAN ADULT = ABOUT 250 MLS (8 OUNCES). SKIN: MAY CAUSE IRRITATION. MAY BE ABSORBED THROUGH THE SKIN WITH POSSIBLE SYSTEMIC EFFECTS. EYE: IRRITATION, POSIBLE CORNEAL BURNS & EYE DAMAGE. CHRONIC: CHRONIC EXPOSURE MAY CAUSE SKIN EFFECTS.

Explanation of Carcinogenicity: NONE PROVIDED BY MFR.

Effects of Overexposure:INHALATION: DIZZINESS, DROWSINESS, HEADACHE, STAG

GERING, UNCONSCIOUSNESS & POSSIBLY DEATH. SKIN: IRRITATION, DRYNESS, REDNESS. EYE: IRRTATION, CORNEAL BURNS, EYE DAMAGE. INGESTION: NAUSEA, VOMITING, D IARRHEA, DROWSINESS, UNCONSCIOUSNESS, DEATH.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR IMPAIRED LIVER, KIDNEY, OR PULMONARY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS AGENT.

FIRST AID: NOT BREATHING, GIVE

ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. INGESTION: GIVE LARGE AMOUNTS OF WATER TO DRINK. NEVER GIVE AN YTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION. SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINS. CALL A PHYSICIAN IF IRRITATION DEVELOPS. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINS LIFTING EYELIDS OCCASIONALLY. GET MEDICAL AT

TENTION IMMEDIATELY.
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Flash Point Method:CC Flash Point:=12.2C, 54.F Autoignition Temp:=398.9C, 750.F Lower Limits:2.0 Upper Limits:12.7 Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR CARBON DIOXIDE. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL, DILUTE SPILLS TO NONFLAMMABLE MIXTURES. Fire Fighting Procedures:IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING & NIOSH-APPROVED SEL F CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE MODE. Unusual Fire/Explosion Hazard:ABOVE FLASH POINT, VAPOR-AIR MIXTURES ARE EXPLOSIVE WITHIN FLAMMABLE LIMITS NOTED. 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.
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Spill Release Procedures: VENTILATE AREA OF LEAK OR SPILL. REMOVE ALL SOURCES OF IGNITION. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. ISOLATE HAZARD AREA. KEEP UNNECESSARY & UNPROTECTED PERSONNEL FROM ENTERING. CONTAIN & RECOVER LIQUID WHEN POSSIBLE. USE NON-SPARKING TOOLS & EQUIPMENT. COLLECT LIQUID IN AN APPROPRIATE CONTAINER OR ABSORB WITH AN INERT MATERIAL & PLACE IN A CHEMICAL WASTE CONTAINER FOR DISPOSAL.  Neutralizing Agent: NONE PROVIDED BY MFR.
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Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE. STORE IN A COOL DRY WELL-VENTILATED LOCATION, AWAY FROM FIRE HAZARD.

Other Precautions: EMPTY CONTAINERS RETAIN PRODUCT RESIDUE, OBSERVE ALL

OUTSIDE OR DETACHED STORAGE IS PREFERRED. SEPARATE FROM INCOMPATIBLES. CONTAINERS SHOULD BE BONDED & GROUNDED FOR

TRANSFERS TO AVOID STATIC SPARKS.

WARNINGS AND PRECAUTIONS.

====== Exposure Cont

Respiratory Protection:IF THE EXPOSURE LIMIT IS EXCEEDED, A FULL FACEPIECE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE MAY BE WORN UP TO 50 TIMES THE EXPOSURE LIMIT OR THE MAXIMUM USE CONCENTRATION SPECIFIED BY THE APPROPRIATE REGULATORY AGENCY OR RESPIRATOR SUPPLIER, WHICHEVER IS LOWEST. FOR EMERGENCIES OR INSTANCES WHERE THE EXPOSURE LIVELS ARE NOT KNOWN, USE A FULL-FACEPIECE, POSIT Ventilation:A SYSTEM OF LOCAL &/OR GENERAL EXHAUST IS RECOMMENDED TO

KEEP EMPLOYEE EXPOSURES BELOW THE AIRBORNE EXPOSURE LIMITS.

Protective Gloves: NEOPRENE & NITRILE RUBBER

Eye Protection: CHEMICAL SAFETY GOGGLES &/OR A FULL FACE SHIELD
Other Protective Equipment: WEAR IMPERVIOUS PROTECTIVE CLOTHING,
INCLUDING BOOTS, GLOVES, LAB COAT, APRON OR COVERALLS, AS
APPROPRIATE, TO PREVENT SKIN CONTACT. MAINTAIN EYE WASH FOUNTAIN &
QUICK DRENCH FACILITIES IN WORK AREA.

Work Hygienic Practices: NONE PROVIDED BY MFR.

Supplemental Safety and Healt

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NONE PROVIDED BY MFR.

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

HCC:F2

Boiling Pt:=82.2C, 180.F

Melt/Freeze Pt:=-88.7C, -128.F

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:44@ 77 DEG F (MM HG)

Vapor Density:2.1(AIR=1)

Spec Gravity:0.79 @ 20 DEG C /4C

pH:NO INFO FOUND

Viscosity:NOT PROVIDED

Evaporation Rate & Evaporation R

Solubility in Water:MISCIBLE

Appearance and Odor: CLEAR, COLORLESS LIQUID. RUBBING ALCOHOL ODOR

Percent Volatiles by Volume:@ 21

C 100%

Corrosion Rate: NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

HEAT, FLAME, OXIDIZERS, ACETALDEHYDE, ACIDS, CHLORINE, ETHYLENE OXIDE, H2-PALLADIUM COMBINATION, H2O2-SULFURIC ACID COMBINATION, POTASSIUM TERT-BUTOXIDE, HYPOCHLOROUS ACID, ISOCYANATES, NITROFORM, PHOSGENE, ALUMINUM, OLEUM,

Stability Condition to Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE & STORAGE. HEAT & SUNLIGHT CAN CONTRIBUTE TO

INSTABILITY. HEAT, FLAMES, IGNITION SOURCES AND INCOMPATIBLES. Hazardous Decomposition Products:CARBON DIOXIDE AND CORBON MONOXIDE MAY
FORM WHEN HEATED TO DECOMPOSITION. Conditions to Avoid Polymerization:WILL NOT OCCUR
======== Toxicological Information =========
Toxicological Information:ORAL RAT LD50= 5045 MG.KG; SKIN RABBIT LD50= 12.8 GM/KG; INHALATION RAT LC50= 16,000 PPM/8 HR; INVESTIGATED AS MUTAGEN, TUMORIGEN, REPRODUCTIVE EFFECTOR.
====== Ecological Information ============
Ecological:WHEN RELAEASE INTO THE SOIL, THIS MATERIAL IS EXPECTED TO QUICKLY EVAPORATE, LEACH INTO GROUND, & BIODEGRADE. WHEN RELEASED INTO WATER, THIS MATERIAL IS EXPECTED TO QUICKLY EVAPORATE AND MODERATEL BIO DEGRADE. THIS MATERIAL HAS AN ESTIMATED HLAF LIFE 1 TO 10 DAYS. IT DOES NOT SIGNIFICANTLY BIOACCUMULATES. WHEN RELEASED INTO AIR THIS MATEIAL IS EXPECTED TO READILY DEGRADED BY REACTION WITH PHOTOCHE MICALL  Y PRODUCED HYDROXYL RADICALS, AND HAS A HALF LIFE OF 1 TO 10 DAYS IN AIR. IT CAN BE REMOVED FROM ATMOSPHERE TO A MODERATE EXTENT BY WET DEPOSITION. NOT EXPECTED TO BE TOXIC TO AQUATIC LIFE.
======== Disposal Considerations ===========
Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECOVERY OR RECYCLING SHOULD BE HANDLED AS HAZARDOUS WASTE & SENT TO A RCRA APPROVED ININCERATOR OR DISPOSED IN A RCRA APPROVED WASTE FACILITY. PROCESSING/ USE/ C ONTAMINAT ION OF THIS PRODUCT MAY CHANGE THE
WASTE MANAGEMENT OPTIONS. FOLLOW STATE & LOCAL & FEDERAL DISPOSAL REGULATIONS.
======== MSDS Transport Information ==========
Transport Information:PSN: ISOPRPANOL, 3, UN1219, II.
========== Regulatory Information =============
SARA Title III Information:SARA 302: RQ AND TPQ= NO; SARA 313 LISTED= YES; RCRA/CERCAL= NO; TSCA 262.33= NO; TSCA 8(D)=NO
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