View NSN Online: https://aerobasegroup.com/nsn/6810-00-543-7915

Product ID: ISOPROPANOL 99 % MSDS Date:01/26/1998 FSC:6810 NIIN:00-543-7915 Status Code:A MSDS Number: CKFSS === Responsible Party === Company Name: ASHLAND CHEMICAL CO Box:2219 City:COLUMBUS State:OH ZIP:43216 Country:US Info Phone Num:614-790-3333 Emergency Phone Num:800-ASHLAND (1-800-274-5263) Resp. P arty Other MSDS Num.:999.0001444-008.006 Preparer's Name:NOT PROVIDED. CAGE:34897 === Contractor Identification === Company Name: ASHLAND CHEMICAL CO Box:2219 City:COLUMBUS State:OH ZIP:43216-2219 Country:US Phone:614-790-3333/800-274-5263 CAGE:34897 Company Name:LORHNETTE ASSOCIATES Address:1630 E FRANCIS ST UNIT F Box:City:ONTARIO State:CA ZIP:91761 Country:US Phone:909-923-9788 Contract Num:SP0450-00-M-D841 CAGE:1FDF8

Ingr

ed Name:ISOPROPANOL CAS:67-63-0 RTECS #:NT8050000 = Wt:100. Other REC Limits:NOT PROVIDED. OSHA PEL:980 MG/M3;400 PPM ACGIH TLV:983 MG/M3;400 PPM ACGIH STEL:1230 MG/M3;500 PPM

LD50 LC50 Mixture:NOT PROVIDED.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:EYE: CAN CAUSE IRRITATION, STINGING, TEARING, REDNESS, AND SWELLING. SKIN:

MAY CAUSE MILD IRRITATION.

PROLONGED/ REPEATED CONTACT MAY DRY SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING, CRACKING, AND BURNS. SKIN ABSORPTION IS POSSIBLE, BUT UNLIKELY THAT RESULTS IN HARMFUL EFFECTS DURING SAFE HANDLING AND USE. SWALLOWING: SWALLOWING SMALL AMOUNTS DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE H ARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. INHALATION: BREATHING SMALL AMOUNTS OF VAPOR/ MIST IS NOT LIKELY TO CAUSE HARMFUL EFFECT

S. LARGE

AMOUNTS MAY BE HARMFUL. SYMPTOMS USUALLY OCCUR IF PEL EXCEEDED.

Explanation of Carcinogenicity: BASED ON THE AVAILABLE INFORMATION, THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, THE NATIONAL TOXICOLOGY PROGRAM, OR THE OCCUPATIONAL SAFETY AND HEALT H ADMINISTRATION.

Effects of Overexposure:SIGNS AND SYMPTOMS OF EXPOSURE TO THIS MATERIAL THROUGH BREATHING, SWALLOWING, AND/OR PASSAGE OF THE MATERIAL THROUGH THE SKIN M

AY INCLUDE: STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA) IRR ITATIION (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS), LOW BLOOD PRESSURE, MILD, TEMPORARY CHANGES IN THE LI VER, EFFECTS ON HEART RATE, RESPIRATORY DEPRESSION (SLOWING OF THE BREATHING RATE), LOSS OF COORDINATION, CONFUSION, LUNG EDEMA (FLUID BUILDUP IN THE LUNG TISSUE), KIDNEY DAMAGE, COMA.

Medical Cond

Aggravated by Exposure:NOTE TO PHYSICIANS: PREEXISTING DISORDERS OF THE FOLLOWING ORGANS (OR ORGAN SYSTEMS) MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL: SKIN, LUNG (FOR EXAMPLE, ASTHMA-LIKE CONDITIONS), KIDNEY.

First Aid:EYES: IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES GENTLY WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS APART; SEEK IMME DIATE

MEDICAL A TTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. SWALLOWING: SEEK MEDICAL ATTENTION. IF DROWSY/UNCONSCIOUS, PLACE INDIV IDUAL ON LEFT SIDE WITH HEAD DOWN. CONTACT PHYSICIAN FOR ADVICE ABOUT WHETHER TO INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFI CULT, GIVE OXYGEN. GET MEDICAL ATTENTION

Flash Point Method:TCC Flash Point:=11.7C, 53.F Autoignition Temp:=398.9C, 750.F Lower Limits: 2.0% Upper Limits:12.0% Extinguishing Media: ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL. Fire Fighting Procedures:WATER MAY BE INEFFECTIVE. WATER MAY BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL UNTIL FIRE IS OUT. WEAR A SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DE MAND MODE WITH APP **ROPRIATE TURN-OUT** GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT. Unusual Fire/Explosion Hazard: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE, OR OT HER IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.

Spill Release Procedures:SMALL

SPILL: ABSORB ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. LARGE SPILL: ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE EQUIPMENT. STOP SPILL AT SOURCE. PREVENT FROM ENTERING SEW ERS, DRAINS, ETC. PREVENT FROM SPREADING. IF RUNOFF OCCURS, NOTIFY AUTHORITIES AS REQUIRED. PUMP OR VACUUM TRANSFER TO CLEAN CONTAINERS FOR RECOVERY. ABSORB UNRECOVERABLE MATERIAL FOR DISPOSAL.

Neutralizing Agent:NOT RELEVANT.

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

Handling and Storage Precautions: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN DATA SHEET MUST BE OBSERVED. FIVE GALLON PAILS, TANK CARS/TRUCKS SHOULD BE GROUNDED AND/OR BONDED WHEN MATERIAL IS TRANSFERRED.

Other Precautions: NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGN ITE

EXPLOSIVELY.

Respiratory Protection: IF WORKPLACE EXPOSURE LIMIT(S) IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATOR S (NEGATIVE PRESSURE TYPE) UNDER SPECIFIED CONDITIONS (SEE INDUSTRIAL HYGIENIST). ENGINEERING/ ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Vent

ilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:WEAR RESISTANT GLOVES TO PREVENT PROLONGED OR REPEATED CONTACT.

Eye Protection: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA **REGULATIONS ARE ADVISED.**

Other Protective Equipment: OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. CONSULT YOUR SAFETY REPRESENTATIVE. TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS. Work Hygienic Practices:NOT PROVIDED. Supplemental Safety and Health NONE

HCC:F2 NRC/State Lic Num:NOT RELEVANT. Boiling Pt:=82.2C, 180.F B.P. Text:@760 MMHG Melt/Freeze Pt:=-88.7C, -128.F Vapor Pres:20.800 MMHG@68.00F Vapor Density:2.070AIR=1 Spec Gravity:.789@60.00F VOC Pounds/Gallon:789 pH:NOT RELEVANT. VOC Grams/Liter:6.58 Viscosity:2.4 CPS Evaporation Rate & amp; Reference:7.70(ETHYL ETHER) Solubility in Water :100% Appearance and Odor: CLEAR, PT-C0 COLOR 10 MAX TRANSPARENT LIQUID, SLIGHT ETHANOL/ACETONE-LIKE ODOR Percent Volatiles by Volume:100.0 Corrosion Rate:NOT PROVIDED

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH: ACETALDEHYDE, ACIDS, CHLORINE, ETHYLENE OXIDE ISOCYANATES, STRONG OXIDIZING AGENTS. DO NOT USE WITH ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120 F. Stability Condition to Avoid:NOT PROVID ED.

Hazardous Decomposition Products:MAY FORM: CARBON DIOXIDE AND CARBON MONOXIDE.

Toxicological Information:NO DATA

Ecological:NO DATA

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. FOR ASSISTANCE WITH YOUR WASTE MANA

GEMENT NEEDS-INCLUDING DISPOSAL, RECYCLING AND WASTE STREAM REDUCTION, CONTACT ASH LAND DISTRIBUTION COMPANY, IC&S ENVIRONMENTAL SERVICES GROUP AT 800-637-7922.
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Transport Information:DOT INFORMATION (49CFR 172.101) DOT DESCRIPTION: ISOPROPANOL, 3, UN1219, I I
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SARA Title III Information:SARA SECTION 311/312: HAZARD CLASS-40 CFR 370.2: IMMED IATE, DELAYED, FIRE. SARA SECTION 313 COMPONENTS - 40
CFR 372.65: NONE. Federal Regulatory Information:TSCA (TOXIC SUBSTANCES CONTROL ACT) STATUS: TSCA (UNITED STATES) THE INTENTIONAL INGREDIENTS OF THIS PRODUCT ARE LISTED.
State Regulatory Information: CALIFORNIA PROPOSITION 65: NONE. NEW JERSEY RIGHT-TO-KNOW LABEL INFORMATION: ISPPROPYL ALCOHOL 67-63-0.
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