View NSN Online: https://aerobasegroup.com/nsn/6810-00-983-8551

HONEYWELLL, BURDICK & JACKSON -- ISOPROPYL ALCOHOL -- 6810-00-983-8551

Product ID: ISOPROPYL ALCOHOL

MSDS Date:06/01/2000

FSC:6810

NIIN:00-983-8551

Status Code:A

MSDS Number: CLHTC === Responsible Party ===

Company Name: HONEYWELLL, BURDICK & JACKSON

Address:1953 SOUTH HARVEY STREET

City:MUSKEGON

State:MI ZIP:49442 Country:US

Info Phone Num:1-800-368-0050

Emergenc

y Phone Num:1-800-424-9300

Resp. Party Other MSDS Num.:B&J0323 Chemtrec Ind/Phone:(800)424-9300

CAGE:UO546

=== Contractor Identification ===

Company Name: HONEYWELL, BURDICK & JACKSON

Address:1953 SOUTH HARVEY STREET

Box:City:MUSKEGON

State:MI ZIP:49442 Country:US

Phone:1-800-368-0050

CAGE:UO546

Company Name: TELECHEM INTERNATIONAL, INC

Address:524 E WEDDELL DRIVE SUITE 3

Box:City:SUNNYVALE

State:CA

ZIP:94089-2115

Country:US

Phone:916-941-3688

Contract Num:SP0450-01-M-ZF07

CAGE:1KH20

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

Ingred Name:ISOPROPYL ALCOHOL

CAS:67-63-0

RTECS #:NT8050000

= Wt:100.

OSHA PEL:980 MG/M3;400 PPM ACGIH TLV:983 MG/M3;400 PPM ACGIH STEL:1230 MG/M3;500 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: SKIN: REPEATED EXPOSURES TO THE SKIN

MAY RESULT IN BURNING, ITCHING, REDNESS & DERMATITIS. EYES: LIQUID

& VAPOR CONTACT PRODUCES INTENSE STINGING & BURNING SENSATIONS. IT HAS BEEN REPORTED THAT PROLON GED CONTACT TO THE LIQUID MAY CAUSE TEMPORARY DAMAGE TO THE EYES, BUT HEALING HAS BEEN PROMPT. INHALATION: EXPOSURE CAN CAUSE RESPIRATORY TRACT & THROAT IRRITATION. HEADACHES, SHORTNESS OF BREATH & SY MPTOMS SIMILAR TO INTOXICATION. OVEREXPOSURE CAN PRODUCE SEVERE CNS DEPRESSION, COMA & POSSIBLY FATAL RESPIRATORY FAILURE. INGESTION: THE P

ROBABLE

LETHAL DOSE IN AN ADULT IS 240 ML BUT AS LITTLE AS 20 ML MAY PRODUCE SYMPTOMS.

Effects of Overexposure:SKIN: REPEATED EXPOSURES TO THE SKIN MAY RESULT IN BURNING, ITCHING, REDNESS & DERMATITIS. EYES: LIQUID & VAPOR CONTACT PRODUCES INTENSE STINGING & BURNING SENSATIONS. IT HAS BEEN REPORTED THAT PROLON GED CONTACT TO THE LIQUID MAY CAUSE TEMPORARY DAMAGE TO THE EYES, BUT HEALING HAS BEEN PROMPT. INHALATION: EXPOSURE CAN CAUSE RESPIRATORY TRACT & THROAT IRRITA TION.

HEADACHES, SHORTNESS OF BREATH & SY MPTOMS SIMILAR TO INTOXICATION. OVEREXPOSURE CAN PRODUCE SEVERE CNS DEPRESSION, COMA & POSSIBLY FATAL RESPIRATORY FAILURE. INGESTION: THE PROBABLE LETHAL DOSE IN AN ADULT IS 240 ML BUT AS LITTLE AS 20 ML MAY PRODUCE SYMPTOMS.

First Aid:SKIN: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. WASH CLOTHING BEFORE REUSE. EYES: FLUSH WITH WAT

Ε	R FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL
	ASSISTANCE . INHALATION: REMOVE FROM EXPOSURE AREA TO FRESH AIR. IF
	VICTIM IS NOT BREATHING ADMINISTER ARTIFICIAL RESPIRATION ACCORDING
	TO YOUR LEVEL OF TRAINING AND OBTAIN PROFESSIONAL MEDICAL
	ASSISTANCE IMMEDI ATELY. INGESTION: IF PATIENT IS CONSCIOUS, RINSE
	MOUTH WITH WATER. DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO
	BY A PHYSICIAN. GET IMMEDIATE MEDICAL ATTENTION. ADVICE TO
	PHYSICIAN: NO SPECIF

IC I NSTRUCTIONS. TREAT SYMPTOMATICALLY.

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

Flash Point Method:CC Flash Point:=11.7C, 53.F

Autoignition Temp:=398.9C, 750.F

Lower Limits:2.0 Upper Limits:12.0

Extinguishing Media:DRY CHEMICAL. CARBON DIOXIDE OR ALCOHOL RESISTANT FOAM. WATER MAY BE INEFFECTIVE. WATER SPRAY MAY BE USED TO REDUCE VAPORS AND TO COOL CONTAINERS EXPOSED TO FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. DO NOT RELEA

SE RUNOFF FROM FIRE CONTROL METHODS TO SEWERS OR WATERWAYS. KEEP FIRE EXPOSED CONTAINERS COOL AND REDUCE VAPORS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:FIRE HAZARD WHEN EXPOSED TO HEAT, FLAME OR OXIDIZERS. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A CONSIDERABLE DISTANCE TO AN IGNITION SOURCE AND FLASH BACK. VAPOR MIXTURES ARE EXPLOSIVE.

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

Spill Release Procedures:(ALWAYS WEAR RECOMMENDED PPE.) ELIMI NATE

SOURCES OF IGNITION. ISOLATE THE SPILL AREA. STOP LEAK IN A SAFE & PRACTICAL MANNER. (IF LEAK CANNOT BE STOPPED EASILY & SAFELY, ADVISE TRAINED EMERGENCY RESPO NSE PERSONNEL OF THE SITUATION.) USING INERT MATERIAL DIKE THE SPILLED SOLVENT TO PREVENT IT FROM RUNNING INTO DRAINS OR WATERWAYS. SPILLS AND RELEASES MAY BE REPORTED TO AUTHORITIES.

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

Handling and Storage Precautions: (ALWAYS WEAR PPE.) KEEP

AWAY FROM

HEAT, OPEN FLAME OR OTHER HIGH TEMPERATURE SOURCES. AVOID CONTACT WITH SKIN, EYES AND CLOTHING; AVOID BREATHING VAPOR OR MIST. USE GOOD PERSONAL HYGIENE AND HOUSEKEEP ING PRACTICES.

Other Precautions:STORE IN AN AREA DESIGNED FOR STORAGE OF FLAMMABLE LIQUIDS. (OSHA 29 CFR 1910.106) PROTECT CONTAINERS FROM PHYSICAL DAMAGE. STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM IGNITION SOURCES & OTHE R FIRE HAZARDS. FLAMMABLE LIQUID & VAPOR.

====== Exposur
e Controls/Personal Protection ========

Respiratory Protection:SEEK PROFESSIONAL ADVICE PRIOR TO RESPIRATOR SELECTION & USE. FOLLOW OSHA RESPIRATOR REGULATIONS (29 CFR 1910.134) & IF NECESSARY, WEAR A MSHA/NIOSH-APPROVED RESPIRATOR. FOR EMERGENCY OR NON-ROUTINE O PERATIONS (CLEANING SPILLS, ETC), WEAR AN SCBA. WARNING! AIR-PURIFYING RESPIRATORS DO NOT PROTECT WORKERS IN OXYGEN-DEFICIENT ATMOSPHERE.

Ventilation: PROVIDE GENERAL OR LOCAL EXHAUST VENTILATION SYSTEMS TO

MAINTAIN AIRBORNE CONCENTRATIONS BELOW PERMISSIBLE TLV LEVELS. Protective Gloves:WEAR APPROPRIATE PPE TO INCLUDE CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GLASSES ARE CONSIDERED MINIMUM PROTECTION.
Other Protective Equipment:GOGGLES OR FACE SHIELD MAY BE NECESSARY
DEPENDING ON QUANTITY OF MATERIAL & CONDITIONS OF USE. WHERE LIQUID
CONTACT IS POSSIBLE IMPERVIOUS COVERALLS ARE RECOMMENDED.

Work Hygienic Practices: USE APPROPRIATE PERSONAL HYGIENE AFTER HANDLING THIS MATERIAL

. DO NOT SMOKE IN THE VICINITY OF FLAMMABLE MATERIALS.

Supplemental Safety and Health

THIS MATERIAL SHOULD BE USED IN CLOSE PROXIMITY TO EYEWASH STATION AND SAFETY SHOWER.

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

HCC:F2

Boiling Pt:=82.3C, 180.1F Melt/Freeze Pt:=-88.C, -126.4F

Vapor Pres:33 MMHG Vapor Density:2.1

Spec Gravity:0.785@25C

Evaporation Rate & Reference: ~3 (BUTYL ACETATE=1)

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, COLORLESS LIQUID; S

========= Stability and Reactivity Data ==========
Stability Indicator/Materials to Avoid:YES STRONG OXIDIZERS, STRONG ACIDS, REACTIVE METALS, INCLUDING ALUMINUM. FORMS KETONES IN PRESENCE OF OXYGEN. Stability Condition to Avoid:HEAT, SPARKS AND FLAME. DIRECT SUNLIGHT. AVOID CONTACT WITH IGNITION SOURCES. VAPORS ARE FLAMMABLE. CONTAINERS MAY RUPTURE VIOLENTLY IN FIRE AND TRAVEL A CONSIDERABLE DISTANCE. Hazardou s Decomposition Products:INCOMPLETE COMBUSTION CAN GENERATE CARBON MONOXIDE AND OTHER HAZARDOUS GASES. Conditions to Avoid Polymerization:WILL NOT OCCUR.
========= Toxicological Information ===========
Toxicological Information:ACUTE: ORAL LC50 (RAT): 5045 MG/KG. SKIN IRRITATION (RABBIT): 500 MG - MILD. EYE IRRITATION (RABBIT): 10 MG - MODERATE; 100 MG - MODERATE. SUBCHRONIC & CHRONIC: 8000 PPM/8 HR./DAY FOR 20 WEEKS (INTE RMITTENT) CAUSED SENSORY CHANGE
INVOLVING PERIPHERAL NERVES.
======== Ecological Information ==========
Ecological:RELATIVELY BIOGRADABLE. LC50 PIMEPHALES PROMELAS (FATHEAD MINNOWS) 11,160 MG/1/24 HR (STATIC BIOASSAY IN LAKE SUPERIOR WATER AT 18-22 DEG. C. LC50 PIMEPHALES PROMELAS (FATHEAD MINNOWS) 10.4 G/1/96 HR.
======== Disposal Considerations ===========
Waste Disposal Methods:UNUSED PRODUCT: THE RCRA ID NUMBER IS: D001 IGNITABLE. THE INFORMATION OFFE RED HERE IS FOR THE PRODUCT AS SHIPPED. USE &/OR ALTERATIONS TO THE PRODUCT SUCH AS MIXING W/OTHER MATERIALS MAY SIGNIFICANT LY CHANGE THE CHARACTERISTICS OF THE MATERIAL & ALTER THE RCRA CLASSIFICATION & THE PROPER DISPOSAL METHOD.
========= MSDS Transport Information ===========
Transport Information:PROPER SHIPPING NAME: ISOPROPYL ALCOHOL, 3, FLAMMABLE LIQUID, UN1219, II.
============ Regulatory Information ==============
SARA Ti

LIGHT ALCOHOL ODOR Percent Volatiles by Volume:100 tle III Information:SECTION 311 HAZARD CLASS: IMMEDIATE, FIRE.
SARA 313 TOXIC CHEMICALS: THE FOLLOWING INGREDIENTS ARE SARA 313
"TOXIC CHEMICALS." ISOPROPYL ALCOHOL.

Federal Regulatory Information:TSCA INVENTORY STATUS: LISTED ON THE INVENTORY. OTHER TSCA ISSUES: SUBJECT TO EXPORT NOTIFICATION.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department

of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.