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SDS

12-7-16

Common Name: ALCOHOL 70% ISOPROPYL
Manufacturer: VI-JON
SDS Revision Date: 11/4/2014
SDS Format: GHS-US

ALCOHOL 70%
ISOPROPYL

Grainger Item Number(s): 14U290, 2MRZ2

Manufacturer Model Number(s):

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PRODUCT NUMBER: 810AA

ISSUING DATE: NOVEMBER 4, 2014

REVISION DATE: NONE

PRODUCT NAME: ALCOHOL 70% ISOPROPYL

REVISION NUMBER: 0

V(SM)

VI-JON (R*)

SAFETY DATA SHEET

FOR HEALTH AND BEAUTY PRODUCTS

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION



AND OF THE COMPANY/UNDERTAKING

PRODUCT IDENTIFIER:

PRODUCT NAME: ALCOHOL 70% ISOPROPYL

ITEM NUMBER: 810AA

OTHER MEANS OF IDENTIFICATION:

SYNONYMS: NONE

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

RECOMMENDED USE: FIRST AID

USES ADVISED AGAINST: NO INFORMATION AVAILABLE

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

SUPPLIER ADDRESS:

VI-JON INC.
8800 PAGE AVENUE
SAINT LOUIS MO 63114
US

PHONE: 314-427-1000 (M-F 8AM-4PM CST)

FAX: 3144271010

EMERGENCY TELEPHONE NUMBER:

CHEMTREC: 1-800-424-9300 (24-HOUR)

2. HAZARDS IDENTIFICATION FOR INDUSTRIAL SETTING



CLASSIFICATION:

THIS PRODUCT CONTAINS A CHEMICAL OR CHEMICALS CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.122).

SERIOUS EYE DAMAGE/EYE IRRITATION: CATEGORY 2

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): CATEGORY 3

FLAMMABLE LIQUIDS: CATEGORY 3

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:

EMERGENCY OVERVIEW:

SIGNAL WORD: DANGER

HAZARD STATEMENTS:

MAY CAUSE DROWSINESS OR DIZZINESS
FLAMMABLE LIQUID AND VAPOR

EXCLAMATION MARK

FLAME

APPEARANCE: CLEAR, COLORLESS, WATER-THIN LIQUID

PHYSICAL STATE: WATER-THIN LIQUID

ODOR: ALCOHOL

PRECAUTIONARY STATEMENTS - PREVENTION:

AVOID BREATHING FUME/GAS/MIST/VAPORS/SPRAY
USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA
KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING
KEEP CONTAINER TIGHTLY CLOSED
GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT
USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT
USE ONLY NON-SPARKING TOOLS
TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE

WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION
KEEP COOL

PRECAUTIONARY STATEMENTS - RESPONSE:
SPECIFIC TREATMENT (SEE SUPPLEMENTAL FIRST AID INSTRUCTIONS ON THIS LABEL)

EYES:

IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

INHALATION:

IF INHALED:
REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.

CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

FIRE:

IN CASE OF FIRE: USE CO₂, DRY CHEMICAL, OR FOAM FOR EXTINCTION.

PRECAUTIONARY STATEMENTS - STORAGE:
STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.
STORE LOCKED UP.

PRECAUTIONARY STATEMENTS - DISPOSAL:
DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): NOT APPLICABLE

UNKNOWN TOXICITY:
0% OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY

OTHER INFORMATION:
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

INTERACTIONS WITH OTHER CHEMICALS: NO INFORMATION AVAILABLE

3. COMPOSITION/INFORMATION ON INGREDIENTS



CHEMICAL NAME	CAS-NO	WEIGHT %	TRADE SECRET
70% ISOPROPYL ALCOHOL BY VOLUME	67-63-0	50-100	*
WATER	7732-18-5	10-50	*

*THE EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET

4. FIRST AID MEASURES



FIRST AID MEASURES:

EYE CONTACT:
RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES. KEEP EYE WIDE OPEN WHILE RINSING. DO NOT RUB AFFECTED AREA. REMOVE CONTACT LENSES, IF APPLICABLE, AND CONTINUE FLUSHING. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

SKIN CONTACT:
IN THE CASE OF SKIN IRRITATION OR ALLERGIC REACTIONS SEE A PHYSICIAN.

INHALATION: MOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

INGESTION:

DO NOT INDUCE VOMITING. CLEAN MOUTH WITH WATER AND AFTERWARDS DRINK PLENTY OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT A PHYSICIAN.

PROTECTION OF FIRST-AIDERS:

USE PERSONAL PROTECTIVE EQUIPMENT. REMOVE ALL SOURCES OF IGNITION. ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. FOR PERSONAL PROTECTION SEE SECTION 8.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

MOST IMPORTANT SYMPTOMS/EFFECTS:

INHALATION OF HIGH VAPOR CONCENTRATIONS MAY CAUSE SYMPTOMS LIKE HEADACHE, DIZZINESS, TIREDNESS, NAUSEA AND VOMITING

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY.

5. FIRE-FIGHTING MEASURES



SUITABLE EXTINGUISHING MEDIA:

USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT. DRY CHEMICAL. CARBON DIOXIDE (CO₂). WATER SPRAY. ALCOHOL-RESISTANT FOAM.

UNSUITABLE EXTINGUISHING MEDIA:

DO NOT USE A SOLID WATER STREAM AS IT MAY SCATTER AND SPREAD FIRE.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

KEEP PRODUCT AND EMPTY CONTAINER AWAY FROM HEAT AND SOURCES OF IGNITION. RISK OF IGNITION. IN THE EVENT OF FIRE, COOL TANKS WITH WATER SPRAY. FIRE RESIDUES AND CONTAMINATED FIRE EXTINGUISHING WATER MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS

UNIFORM FIRE CODE:

FLAMMABLE LIQUID: I-B

IRRITANT: LIQUID

HAZARDOUS COMBUSTION PRODUCTS: CARBON OXIDES.

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: NO

SENSITIVITY TO STATIC DISCHARGE: YES

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK.

6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PRECAUTIONS:

ENSURE ADEQUATE VENTILATION. USE PERSONAL PROTECTIVE EQUIPMENT. EVACUATE PERSONNEL TO SAFE AREAS. REFER TO SECTION 8 AVOID CONTACT WITH SKIN, EYES AND CLOTHING. KEEP PEOPLE AWAY FROM AND UPWIND OF SPILL/LEAK. ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS OR FLAMES IN IMMEDIATE AREA). PAY ATTENTION TO FLASHBACK. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES. ALL EQUIPMENT USED WHEN HANDLING THE PRODUCT MUST BE GROUNDED. DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL.

OTHER INFORMATION:

REFER TO PROTECTIVE MEASURES LISTED IN SECTIONS 7 AND 8. VENTILATE THE AREA.

ENVIRONMENTAL PRECAUTIONS:

ENVIRONMENTAL PRECAUTIONS:

REFER TO PROTECTIVE MEASURES LISTED IN SECTIONS 7 AND 8. PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. PREVENT PRODUCT FROM ENTERING DRAINS.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

METHODS FOR CONTAINMENT:

PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. A VAPOR SUPPRESSING FOAM MAY BE USED TO REDUCE VAPORS. DIKE FAR AHEAD OF SPILL TO COLLECT RUNOFF WATER. STOP SPILL FROM ENTERING DRAINS, SEWERS, STREAMS, OR WATERWAYS.

METHODS FOR CLEANING UP:

DAM UP. SOAK UP WITH INERT ABSORBENT MATERIAL. PICK UP AND TRANSFER TO PROPERLY LABELED CONTAINERS. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING



PRECAUTIONS FOR SAFE HANDLING:

HANDLING:

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. WEAR PERSONAL PROTECTIVE EQUIPMENT. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID BREATHING VAPORS OR MISTS. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. NO SMOKING.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE:

KEEP CONTAINERS TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT AND SOURCES OF IGNITION. KEEP IN PROPERLY LABELED CONTAINERS. DO NOT STORE NEAR COMBUSTIBLE MATERIALS. KEEP IN AN AREA EQUIPPED WITH SPRINKLERS. STORE IN ACCORDANCE WITH THE PARTICULAR NATIONAL REGULATIONS. STORE IN ACCORDANCE WITH LOCAL REGULATIONS.

INCOMPATIBLE PRODUCTS:

STRONG OXIDIZING AGENTS. ACIDS. CHLORINATED COMPOUNDS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



FOR INDUSTRIAL SETTING

CONTROL PARAMETERS:

EXPOSURE GUIDELINES:

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
ISOPROPYL ALCOHOL 67-63-0	STEL: 400 PPM	TWA: 400 PPM	IDLH: 2000 PPM 10% LEL
	TWA: 200 PPM	TWA: 980 MG/M3	TWA: 980 MG/M3
		(VACATED) TWA: 400 PPM	TWA: 400 PPM STEL: 500 PPM
		(VACATED) TWA: 980 MG/M3	STEL: 1225 MG/M3
		(VACATED) STEL:	

500 PPM

(VACATED) STEL:
1225 MG/M3

ACGIH TLV:
AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS - THRESHOLD
LIMIT VALUE.

OSHA PEL:
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION - PERMISSIBLE EXPOSURE
LIMITS.

NIOSH IDLH: IMMEDIATELY DANGEROUS TO LIFE OR HEALTH.

OTHER EXPOSURE GUIDELINES:
VACATED LIMITS REVOKED BY THE COURT OF APPEALS DECISION IN AFL-CIO V. OSHA,
965 F.2D 962 (11TH CIR., 1992). SEE SECTION 15 FOR NATIONAL EXPOSURE
CONTROL PARAMETERS.

APPROPRIATE ENGINEERING CONTROLS:

ENGINEERING MEASURES:
SHOWERS
EYEWASH STATIONS
VENTILATION SYSTEMS

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: TIGHTLY FITTING SAFETY GOGGLES.

SKIN AND BODY PROTECTION:
WEAR PROTECTIVE GLOVES/CLOTHING. LONG SLEEVED CLOTHING. CHEMICAL RESISTANT
APRON. IMPERVIOUS GLOVES. ANTISTATIC BOOTS

RESPIRATORY PROTECTION:
NO PROTECTIVE EQUIPMENT IS NEEDED UNDER NORMAL USE CONDITIONS. IF EXPOSURE
LIMITS ARE EXCEEDED OR IRRITATION IS EXPERIENCED, VENTILATION AND
EVACUATION MAY BE REQUIRED.

HYGIENE MEASURES:
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. DO
NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. CONTAMINATED WORK CLOTHING
SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. PROVIDE REGULAR CLEANING OF
EQUIPMENT, WORK AREA AND CLOTHING. WASH HANDS BEFORE BREAKS AND IMMEDIATELY
AFTER HANDLING THE PRODUCT.

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: WATER THIN LIQUID

APPEARANCE: CLEAR, COLORLESS, WATER THIN LIQUID

ODOR: ALCOHOL

COLOR: NO INFORMATION AVAILABLE

ODOR THRESHOLD: NO INFORMATION AVAILABLE

PROPERTY	VALUES	REMARKS/METHOD
PH	NO DATA AVAILABLE	NONE KNOWN
MELTING/FREEZING POINT	NO DATA AVAILABLE	NONE KNOWN

BOILING POINT/RANGE	NO DATA AVAILABLE	NONE KNOWN
FLASH POINT	22C / 72F	NONE KNOWN
EVAPORATION RATE	NO DATA AVAILABLE	NONE KNOWN
FLAMMABILITY (SOLID, GAS)	NO DATA AVAILABLE	NONE KNOWN
FLAMMABILITY LIMITS IN AIR:		
UPPER FLAMMABILITY LIMIT	NO DATA AVAILABLE	
LOWER FLAMMABILITY LIMIT	NO DATA AVAILABLE	
VAPOR PRESSURE	NO DATA AVAILABLE	NONE KNOWN
VAPOR DENSITY	NO DATA AVAILABLE	NONE KNOWN
SPECIFIC GRAVITY	NO DATA AVAILABLE	NONE KNOWN
WATER SOLUBILITY	MISCIBLE WITH WATER	NONE KNOWN
SOLUBILITY IN OTHER SOLVENTS	NO DATA AVAILABLE	NONE KNOWN
PARTITION COEFFICIENT N-OCTANOL/WATER		NONE KNOWN
AUTOIGNITION TEMPERATURE	NO DATA AVAILABLE	NONE KNOWN
DECOMPOSITION TEMPERATURE	NO DATA AVAILABLE	NONE KNOWN
KINEMATIC VISCOSITY	NO DATA AVAILABLE	NONE KNOWN
DYNAMIC VISCOSITY		NONE KNOWN
EXPLOSIVE PROPERTIES	NO DATA AVAILABLE	
OXIDIZING PROPERTIES	NO DATA AVAILABLE	
OTHER INFORMATION:		
SOFTENING POINT	NO DATA AVAILABLE	
VOC CONTENT (%)	NO DATA AVAILABLE	
PARTICLE SIZE	NO DATA AVAILABLE	
PARTICLE SIZE DISTRIBUTION	NO DATA AVAILABLE	

10. STABILITY AND REACTIVITY FOR INDUSTRIAL SETTING



REACTIVITY: NO DATA AVAILABLE.

CHEMICAL STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE UNDER NORMAL PROCESSING.

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

CONDITIONS TO AVOID: HEAT, FLAMES AND SPARKS.

INCOMPATIBLE MATERIALS:
STRONG OXIDIZING AGENTS. ACIDS. CHLORINATED COMPOUNDS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON OXIDES.

WHEN USED IN ACCORDANCE WITH THE DIRECTIONS.

11. TOXICOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

THERE IS NO DATA FOR THIS PRODUCT. THE INFORMATION INCLUDED IN THIS SECTION DESCRIBES THE POTENTIAL HAZARDS OF THE INDIVIDUAL INGREDIENTS.

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

PRODUCT INFORMATION:

INHALATION:

MAY CAUSE DROWSINESS AND DIZZINESS. MAY CAUSE IRRITATION OF RESPIRATORY TRACT.

EYE CONTACT:

MAY CAUSE REDNESS, ITCHING, AND PAIN. MAY CAUSE TEMPORARY EYE IRRITATION.

SKIN CONTACT: PROLONGED CONTACT MAY CAUSE REDNESS AND IRRITATION.

INGESTION:

INGESTION MAY CAUSE IRRITATION TO MUCOUS MEMBRANES. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

COMPONENT INFORMATION:

CHEMICAL NAME	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
ISOPROPYL ALCOHOL 67-63-0	=4396 MG/KG (RAT)	=12800 MG/KG (RABBIT)	=16000 PPM (RAT) 8 H

INFORMATION ON TOXICOLOGICAL EFFECTS:

SYMPTOMS:

INHALATION OF HIGH VAPOR CONCENTRATIONS MAY CAUSE SYMPTOMS LIKE HEADACHE, DIZZINESS, TIREDNESS, NAUSEA AND VOMITING

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

SENSITIZATION: NO INFORMATION AVAILABLE.

MUTAGENIC EFFECTS: NO INFORMATION AVAILABLE.

CARCINOGENICITY:

THE TABLE BELOW INDICATES WHETHER EACH AGENCY HAS LISTED ANY INGREDIENT AS A CARCINOGEN.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
ISOPROPYL ALCOHOL 67-63-0		GROUP 3		X

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER):

GROUP 3 - NOT CLASSIFIABLE AS TO CARCINOGENICITY IN HUMANS

OSHA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION): X - PRESENT

REPRODUCTIVE TOXICITY: NO INFORMATION AVAILABLE.

STOT - SINGLE EXPOSURE: NO INFORMATION AVAILABLE.

STOT - REPEATED EXPOSURE: NO INFORMATION AVAILABLE.

CHRONIC TOXICITY: NONE KNOWN.

TARGET ORGAN EFFECTS:

EYES. RESPIRATORY SYSTEM. SKIN. CENTRAL NERVOUS SYSTEM (CNS).

ASPIRATION HAZARD: NO INFORMATION AVAILABLE.

NUMERICAL MEASURES OF TOXICITY PRODUCT INFORMATION:

THE FOLLOWING VALUES ARE CALCULATED BASED ON CHAPTER 3.1 OF THE GHS DOCUMENT:

ATEMIX (ORAL): 7,020.00 MG/KG
ATEMIX (DERMAL): 20,440.00 MG/KG (ATE)
ATEMIX (INHALATION-VAPOR): 88.81 ATEMIX

12. ECOLOGICAL INFORMATION FOR INDUSTRIAL SETTING top

THERE IS NO ECOLOGICAL DATA ON THE PRODUCT. THE PRODUCT INGREDIENTS ARE EXPECTED TO BE SAFE FOR THE ENVIRONMENT AT CONCENTRATIONS PREDICTED UNDER NORMAL USE AND ACCIDENTAL SPILL SCENARIOS. PACKAGING COMPONENTS ARE COMPATIBLE WITH THE CONVENTIONAL SOLID WASTE MANAGEMENT PRACTICES.

ECOTOXICITY: NO INFORMATION AVAILABLE.

PERSISTENCE AND DEGRADABILITY: NO INFORMATION AVAILABLE.

BIOACCUMULATION: NO INFORMATION AVAILABLE.

OTHER ADVERSE EFFECTS: NO INFORMATION AVAILABLE.

13. DISPOSAL CONSIDERATIONS FOR INDUSTRIAL SETTING top

WASTE TREATMENT METHODS:

WASTE DISPOSAL METHODS:

THIS MATERIAL, AS SUPPLIED, IS NOT A HAZARDOUS WASTE ACCORDING TO FEDERAL REGULATIONS (40 CFR 261).

CONTAMINATED PACKAGING: DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

US EPA WASTE NUMBER: D001

CALIFORNIA HAZARDOUS WASTE CODES: 331

THIS PRODUCT CONTAINS ONE OR MORE SUBSTANCES THAT ARE LISTED WITH THE STATE OF CALIFORNIA AS A HAZARDOUS WASTE.

CHEMICAL NAME	CALIFORNIA HAZARDOUS WASTE
ISOPROPYL ALCOHOL 67-63-0	TOXIC IGNITABLE

14. TRANSPORT INFORMATION top

DOT:
PROPER SHIPPING NAME: CONSUMER COMMODITY
HAZARD CLASS: ORM-D
DESCRIPTION: CONSUMER COMMODITY, ORM-D
EMERGENCY RESPONSE GUIDE NUMBER: 129

TDG:
UN-NO: UN1219
PROPER SHIPPING NAME: ISOPROPANOL
HAZARD CLASS: 3
PACKING GROUP: II
DESCRIPTION: UN1219, ISOPROPANOL, 3, PG II

MEX:

UN-NO: UN1219
PROPER SHIPPING NAME: ISOPROPANOL
HAZARD CLASS: 3
PACKING GROUP: II
DESCRIPTION: UN1219 ISOPROPANOL, 3, II

ICAO:
UN-NO: UN1219
PROPER SHIPPING NAME: ISOPROPYL ALCOHOL
HAZARD CLASS: 3
PACKING GROUP: II
DESCRIPTION: UN1219, ISOPROPYL ALCOHOL, 3, PG II

IATA:
UN-NO: UN1219
PROPER SHIPPING NAME: ISOPROPANOL
HAZARD CLASS: 3
PACKING GROUP: II
DESCRIPTION: UN1219, ISOPROPYL ALCOHOL, 3, PG II

IMDG/IMO:
UN-NO: UN1219
PROPER SHIPPING NAME: ISOPROPANOL
HAZARD CLASS: 3
PACKING GROUP: II
EMS NO.: F-E, S-D
DESCRIPTION: UN1219, ISOPROPANOL, 3, PG II

RID:
UN-NO: UN1219
PROPER SHIPPING NAME: ISOPROPANOL
HAZARD CLASS: 3
PACKING GROUP: II
CLASSIFICATION CODE: F1
DESCRIPTION: UN1219 ISOPROPANOL, 3, II

ADR:
UN-NO: UN1219
PROPER SHIPPING NAME: ISOPROPANOL
HAZARD CLASS: 3
PACKING GROUP: II
CLASSIFICATION CODE: F1
DESCRIPTION: UN1219 ISOPROPANOL, 3, II

ADN:
UN-NO: UN1219
PROPER SHIPPING NAME: ISOPROPANOL
HAZARD CLASS: 3
PACKING GROUP: II
CLASSIFICATION CODE: F1
SPECIAL PROVISIONS: 601
DESCRIPTION: UN1219 ISOPROPANOL, 3, II
LIMITED QUANTITY: 3
VENTILATION: LQ4

15. REGULATORY INFORMATION FOR INDUSTRIAL SETTING



INTERNATIONAL INVENTORIES:

TSCA: EXEMPT

DSL: ALL COMPONENTS ARE LISTED EITHER ON THE DSL OR NDSL.

TSCA: UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(B) INVENTORY

DSL/NDSL: CANADIAN DOMESTIC SUBSTANCES LIST/NON-DOMESTIC SUBSTANCES LIST

U.S. FEDERAL REGULATIONS:

SARA 313:

SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). THIS PRODUCT CONTAINS A CHEMICAL OR CHEMICALS WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF THE ACT AND TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 372:

CHEMICAL NAME	CAS-NO	WEIGHT %	SARA 313 - THRESHOLD VALUES %
ISOPROPYL ALCOHOL	67-63-0	50-100	1.0

SARA 311/312 HAZARD CATEGORIES:
 ACUTE HEALTH HAZARD: YES
 CHRONIC HEALTH HAZARD: NO
 FIRE HAZARD: YES
 SUDDEN RELEASE OF PRESSURE HAZARD: NO
 REACTIVE HAZARD: NO

CLEAN WATER ACT:
 THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS REGULATED AS POLLUTANTS PURSUANT TO THE CLEAN WATER ACT (40 CFR 122.21 AND 40 CFR 122.42).

CERCLA:
 THIS MATERIAL, AS SUPPLIED, DOES NOT CONTAIN ANY INGREDIENTS REGULATED AS A HAZARDOUS SUBSTANCE UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) (40 CFR 302).

U.S. STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: NONE
 THIS PRODUCT DOES NOT CONTAIN ANY PROPOSITION 65 CHEMICALS.

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA	RHODE ISLAND	ILLINOIS
ISOPROPYL ALCOHOL 67-63-0	X	X	X	X	

INTERNATIONAL REGULATIONS:
 MEXICO - GRADE: NO INFORMATION AVAILABLE.

NATIONAL OCCUPATIONAL EXPOSURE LIMITS:

CHEMICAL NAME	CARCINOGEN STATUS	EXPOSURE LIMITS
ISOPROPYL ALCOHOL		MEXICO: TWA: 400 PPM
		MEXICO: TWA: 980 MG/M3
		MEXICO: STEL: 500 PPM
		MEXICO: STEL: 1225 MG/M3

CANADA:

WHMIS HAZARD CLASS:
 B2
 D2B

D2 - MATERIALS CAUSING OTHER TOXIC EFFECTS
 B - FLAMMABLE AND COMBUSTIBLE MATERIAL

16. OTHER INFORMATION

NFPA:

HEALTH HAZARD 2
FLAMMABILITY 3
INSTABILITY 0
PHYSICAL AND CHEMICAL HAZARDS NONE

HMIS:

HEALTH HAZARD 2
FLAMMABILITY 3
PHYSICAL HAZARD 0
PERSONAL PROTECTION X

PREPARED BY:

WERCS PROFESSIONAL SERVICES, LLC
23 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
1-800-572-6501

ISSUING DATE: NOVEMBER 4, 2014

REVISION DATE: NONE

REVISION NOTE: NONE

GENERAL DISCLAIMER:

THE INFORMATION PROVIDED IN THIS SAFETY DATA SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION. THE INFORMATION GIVEN IS DESIGNED ONLY AS GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. THE INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS, UNLESS SPECIFIED IN THE TEXT.

APPROVED AND UPDATED BY: VI-JON, INC.

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