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SDS

Common Name: RESPIRATOR REFRESHER WIPES, ALCOHOL

Manufacturer: HONEYWELL SAFETY PRODUCTS

SDS Revision Date: 10/1/2015

SDS Format: GHS-US

Grainger Item Number(s): 4T555

Manufacturer Model Number(s):

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SAFETY DATA SHEET

HONEYWELL

1. IDENTIFICATION



PRODUCT IDENTIFIER: RESPIRATOR REFRESHER WIPES, ALCOHOL

OTHER MEANS OF IDENTIFICATION:

PRODUCT CODE: 7003, 7003-H5, 7003L, 140082

RECOMMENDED USE: WIPE DOWNS FOR EQUIPMENT

RECOMMENDED RESTRICTIONS: NONE KNOWN.

MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION:

COMPANY NAME: HONEYWELL SAFETY PRODUCTS USA

ADDRESS:

900 DOUGLAS PIKE
SMITHFIELD, RI 02917

TELEPHONE: 800 873 5242

CONTACT PERSON: HSPTECHSUPPORT@HONEYWELL.COM

E-MAIL: MSDS@CHEMTREC.COM

EMERGENCY TELEPHONE NUMBER: +1-703-741-5500 FOR USA/CANADA

2. HAZARD(S) IDENTIFICATION



PHYSICAL HAZARDS:

FLAMMABLE LIQUIDS: CATEGORY 2

HEALTH HAZARDS:

SERIOUS EYE DAMAGE/EYE IRRITATION: CATEGORY 2A

SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE:
CATEGORY 3 NARCOTIC EFFECTS

OSHA DEFINED HAZARDS: NOT CLASSIFIED.

LABEL ELEMENTS:

FLAME
EXCLAMATION MARK

SIGNAL WORD: DANGER

HAZARD STATEMENT:

HIGHLY FLAMMABLE LIQUID AND VAPOR. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS.

PRECAUTIONARY STATEMENT:

PREVENTION:

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. AVOID BREATHING MIST OR VAPOR. WASH THOROUGHLY AFTER HANDLING. USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA. WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

RESPONSE:**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.

IF INHALED:

REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.

IN CASE OF FIRE:

USE ALCOHOL RESISTANT FOAM, WATER FOG, DRY CHEMICAL POWDER, CARBON DIOXIDE FOR EXTINCTION.

STORAGE: STORE IN A WELL-VENTILATED PLACE. KEEP COOL. STORE LOCKED UP.

DISPOSAL:

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC): NONE KNOWN.

SUPPLEMENTAL INFORMATION: NONE.

3. COMPOSITION/INFORMATION ON INGREDIENTS

**MIXTURES:**

CHEMICAL NAME	CAS NUMBER	%
ISOPROPYL ALCOHOL	67-63-0	70
WATER	7732-18-5	30

COMPOSITION COMMENTS:

ALL CONCENTRATIONS ARE IN PERCENT BY WEIGHT UNLESS INGREDIENT IS A GAS. GAS CONCENTRATIONS ARE IN PERCENT BY VOLUME.

4. FIRST-AID MEASURES

**INHALATION:**

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.

SKIN CONTACT:

TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS.

EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS.

INGESTION: RINSE MOUTH. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

MAY CAUSE DROWSINESS AND DIZZINESS. HEADACHE. NAUSEA, VOMITING. SEVERE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY. KEEP VICTIM UNDER OBSERVATION. SYMPTOMS MAY BE DELAYED.

GENERAL INFORMATION:

TAKE OFF ALL CONTAMINATED CLOTHING IMMEDIATELY. ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

5. FIRE-FIGHTING MEASURES



SUITABLE EXTINGUISHING MEDIA:

ALCOHOL RESISTANT FOAM. WATER FOG. DRY CHEMICAL POWDER. CARBON DIOXIDE (CO2).

UNSUITABLE EXTINGUISHING MEDIA:

DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS WILL SPREAD THE FIRE.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS MAY TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. DURING FIRE, GASES HAZARDOUS TO HEALTH MAY BE FORMED.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING MUST BE WORN IN CASE OF FIRE.

FIRE FIGHTING EQUIPMENT/INSTRUCTIONS:

IN CASE OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO SO WITHOUT RISK.

SPECIFIC METHODS:

USE STANDARD FIREFIGHTING PROCEDURES AND CONSIDER THE HAZARDS OF OTHER INVOLVED MATERIALS.

GENERAL FIRE HAZARDS: HIGHLY FLAMMABLE LIQUID AND VAPOR.

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
KEEP UNNECESSARY PERSONNEL AWAY. KEEP PEOPLE AWAY FROM AND UPWIND OF
SPILL/LEAK. ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS, OR
FLAMES IN IMMEDIATE AREA). WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND
CLOTHING DURING CLEAN-UP. AVOID BREATHING MIST OR VAPOR. DO NOT TOUCH
DAMAGED CONTAINERS OR SPILLED MATERIAL UNLESS WEARING APPROPRIATE
PROTECTIVE CLOTHING. VENTILATE CLOSED SPACES BEFORE ENTERING THEM. LOCAL
AUTHORITIES SHOULD BE ADVISED IF SIGNIFICANT SPILLAGES CANNOT BE CONTAINED.
FOR PERSONAL PROTECTION, SEE SECTION 8 OF THE SDS.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:
ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS, OR FLAMES IN
IMMEDIATE AREA). KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC.) AWAY FROM
SPILLED MATERIAL. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.
USE ONLY NON-SPARKING TOOLS.

LARGE SPILLS:
STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. DIKE THE SPILLED
MATERIAL, WHERE THIS IS POSSIBLE. USE A NON-COMBUSTIBLE MATERIAL LIKE
VERMICULITE, SAND OR EARTH TO SOAK UP THE PRODUCT AND PLACE INTO A
CONTAINER FOR LATER DISPOSAL. FOLLOWING PRODUCT RECOVERY, FLUSH AREA
WITH WATER.

SMALL SPILLS:
ABSORB WITH EARTH, SAND OR OTHER NON-COMBUSTIBLE MATERIAL AND TRANSFER TO
CONTAINERS FOR LATER DISPOSAL. WIPE UP WITH ABSORBENT MATERIAL (E.G. CLOTH,
FLEECE). CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

NEVER RETURN SPILLS TO ORIGINAL CONTAINERS FOR RE-USE. FOR WASTE DISPOSAL,
SEE SECTION 13 OF THE SDS.

ENVIRONMENTAL PRECAUTIONS:
AVOID DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND.

7. HANDLING AND STORAGE



PRECAUTIONS FOR SAFE HANDLING:
DO NOT HANDLE, STORE OR OPEN NEAR AN OPEN FLAME, SOURCES OF HEAT OR SOURCES
OF IGNITION. PROTECT MATERIAL FROM DIRECT SUNLIGHT. WHEN USING DO NOT
SMOKE. EXPLOSION-PROOF GENERAL AND LOCAL EXHAUST VENTILATION. TAKE
PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES. ALL EQUIPMENT USED WHEN
HANDLING THE PRODUCT MUST BE GROUNDED. USE NON-SPARKING TOOLS AND
EXPLOSION-PROOF EQUIPMENT. AVOID BREATHING MIST OR VAPOR. AVOID CONTACT
WITH EYES. AVOID PROLONGED EXPOSURE. WEAR APPROPRIATE PERSONAL PROTECTIVE
EQUIPMENT. OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:
 STORE LOCKED UP. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. PREVENT
 ELECTROSTATIC CHARGE BUILD-UP BY USING COMMON BONDING AND GROUNDING
 TECHNIQUES. STORE IN A COOL, DRY PLACE OUT OF DIRECT SUNLIGHT. STORE IN
 ORIGINAL TIGHTLY CLOSED CONTAINER. STORE IN A WELL-VENTILATED PLACE. KEEP
 IN AN AREA EQUIPPED WITH SPRINKLERS. STORE AWAY FROM INCOMPATIBLE MATERIALS
 (SEE SECTION 10 OF THE SDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



OCCUPATIONAL EXPOSURE LIMITS:

US. OSHA TABLE Z-1 LIMITS FOR AIR CONTAMINANTS (29 CFR 1910.1000):

COMPONENTS	TYPE	VALUE
ISOPROPYL ALCOHOL (CAS 67-63-0)	PEL	980 MG/M3 400 PPM

US. ACGIH THRESHOLD LIMIT VALUES:

COMPONENTS	TYPE	VALUE
ISOPROPYL ALCOHOL (CAS 67-63-0)	STEL	400 PPM
	TWA	200 PPM

US. NIOSH: POCKET GUIDE TO CHEMICAL HAZARDS

COMPONENTS	TYPE	VALUE
ISOPROPYL ALCOHOL (CAS 67-63-0)	STEL	1225 MG/M3 500 PPM
	TWA	980 MG/M3 400 PPM

BIOLOGICAL LIMIT VALUES:

ACGIH BIOLOGICAL EXPOSURE INDICES:

COMPONENTS	VALUE	DETERMINANT	SPECIMEN	SAMPLING TIME
ISOPROPYL ALCOHOL (CAS 67-63-0)	40 MG/L	ACETONE	URINE	*

* - FOR SAMPLING DETAILS, PLEASE SEE THE SOURCE DOCUMENT.

APPROPRIATE ENGINEERING CONTROLS:

EXPLOSION-PROOF GENERAL AND LOCAL EXHAUST VENTILATION. GOOD GENERAL
 VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE USED. VENTILATION
 RATES SHOULD BE MATCHED TO CONDITIONS. IF APPLICABLE, USE PROCESS

ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. IF EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED, MAINTAIN AIRBORNE LEVELS TO AN ACCEPTABLE LEVEL. PROVIDE EASY ACCESS TO WATER SUPPLY AND EYE WASH FACILITIES.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES).

SKIN PROTECTION:

HAND PROTECTION:

WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES. SUITABLE GLOVES CAN BE RECOMMENDED BY THE GLOVE SUPPLIER.

SKIN PROTECTION:

OTHER: WEAR SUITABLE PROTECTIVE CLOTHING.

RESPIRATORY PROTECTION:

IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS (WHERE APPLICABLE) OR TO AN ACCEPTABLE LEVEL (IN COUNTRIES WHERE EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED), AN APPROVED RESPIRATOR MUST BE WORN.

THERMAL HAZARDS:

WEAR APPROPRIATE THERMAL PROTECTIVE CLOTHING, WHEN NECESSARY.

GENERAL HYGIENE CONSIDERATIONS:

WHEN USING DO NOT SMOKE. ALWAYS OBSERVE GOOD PERSONAL HYGIENE MEASURES, SUCH AS WASHING AFTER HANDLING THE MATERIAL AND BEFORE EATING, DRINKING, AND/OR SMOKING. ROUTINELY WASH WORK CLOTHING AND PROTECTIVE EQUIPMENT TO REMOVE CONTAMINANTS.

9. PHYSICAL AND CHEMICAL PROPERTIES



APPEARANCE:

PHYSICAL STATE: LIQUID.

FORM: LIQUID.

COLOR: NOT AVAILABLE.

ODOR: NOT AVAILABLE.

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT AVAILABLE.

MELTING POINT/FREEZING POINT: NOT AVAILABLE.

INITIAL BOILING POINT AND BOILING RANGE:

180 DEG. F (82.22 DEG. C) (APPROXIMATE)

FLASH POINT: 53.0 DEG. F (11.7 DEG. C) CLOSED CUP

EVAPORATION RATE: >1 (N- BUTYL ACETATE = 1)

FLAMMABILITY (SOLID, GAS): NOT APPLICABLE.

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

FLAMMABILITY LIMIT - LOWER (%): NOT AVAILABLE.

FLAMMABILITY LIMIT - UPPER (%): NOT AVAILABLE.

EXPLOSIVE LIMIT - LOWER (%): NOT AVAILABLE.

EXPLOSIVE LIMIT - UPPER (%): NOT AVAILABLE.

VAPOR PRESSURE: 20 MM Hg (20 DEG. C / 68 DEG. F) (ESTIMATED)

VAPOR DENSITY: NOT AVAILABLE.

RELATIVE DENSITY: 0.85 (WATER=1, 68 DEG. F)

SOLUBILITY(IES):

SOLUBILITY (WATER): COMPLETELY SOLUBLE IN WATER.

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT AVAILABLE.

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE.

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

VISCOSITY: NOT AVAILABLE.

OTHER INFORMATION:

PERCENT VOLATILE: 100%

10. STABILITY AND REACTIVITY



REACTIVITY:

THE PRODUCT IS STABLE AND NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.

CHEMICAL STABILITY: MATERIAL IS STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS:

NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.

CONDITIONS TO AVOID:

AVOID HEAT, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. AVOID TEMPERATURES EXCEEDING THE FLASH POINT. CONTACT WITH INCOMPATIBLE MATERIALS.

INCOMPATIBLE MATERIALS:

STRONG ACIDS. STRONG BASES. STRONG OXIDIZING AGENTS. ISOCYANATES. CHLORINE.

HAZARDOUS DECOMPOSITION PRODUCTS:

THERMAL DECOMPOSITION OF THIS PRODUCT CAN GENERATE CARBON MONOXIDE AND CARBON DIOXIDE.

11. TOXICOLOGICAL INFORMATION



INFORMATION ON LIKELY ROUTES OF EXPOSURE:

INHALATION:

MAY CAUSE DROWSINESS AND DIZZINESS. HEADACHE. NAUSEA, VOMITING. PROLONGED INHALATION MAY BE HARMFUL.

SKIN CONTACT: PROLONGED SKIN CONTACT MAY CAUSE TEMPORARY IRRITATION.

EYE CONTACT: CAUSES SERIOUS EYE IRRITATION.

INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

MAY CAUSE DROWSINESS AND DIZZINESS. HEADACHE. NAUSEA, VOMITING. SEVERE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION.

INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY: NOT EXPECTED TO BE ACUTELY TOXIC.

COMPONENTS	SPECIES	TEST RESULTS
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ISOPROPYL ALCOHOL (CAS 67-63-0)		
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ACUTE:

DERMAL:

LD50	RABBIT	12800 MG/KG
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ORAL:

LD50	RAT	4.7 G/KG
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SKIN CORROSION/IRRITATION:

PROLONGED SKIN CONTACT MAY CAUSE TEMPORARY IRRITATION.

SERIOUS EYE DAMAGE/EYE IRRITATION: CAUSES SERIOUS EYE IRRITATION.

RESPIRATORY OR SKIN SENSITIZATION:

RESPIRATORY SENSITIZATION: NOT A RESPIRATORY SENSITIZER.

SKIN SENSITIZATION:

THIS PRODUCT IS NOT EXPECTED TO CAUSE SKIN SENSITIZATION.

GERM CELL MUTAGENICITY:

NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS PRESENT AT GREATER THAN 0.1% ARE MUTAGENIC OR GENOTOXIC.

CARCINOGENICITY:

THIS PRODUCT IS NOT CONSIDERED TO BE A CARCINOGEN BY IARC, ACGIH, NTP, OR OSHA.

IARC MONOGRAPHS. OVERALL EVALUATION OF CARCINOGENICITY: NOT LISTED.

NTP REPORT ON CARCINOGENS: NOT LISTED.

OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050):
NOT REGULATED.

REPRODUCTIVE TOXICITY:

THIS PRODUCT IS NOT EXPECTED TO CAUSE REPRODUCTIVE OR DEVELOPMENTAL EFFECTS.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:

MAY CAUSE DROWSINESS AND DIZZINESS.

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE: NOT CLASSIFIED.

ASPIRATION HAZARD: NOT AN ASPIRATION HAZARD.

CHRONIC EFFECTS: PROLONGED INHALATION MAY BE HARMFUL.

FURTHER INFORMATION:

NO OTHER SPECIFIC ACUTE OR CHRONIC HEALTH IMPACT NOTED.

12. ECOLOGICAL INFORMATION



ECOTOXICITY:

THE PRODUCT IS NOT CLASSIFIED AS ENVIRONMENTALLY HAZARDOUS. HOWEVER, THIS DOES NOT EXCLUDE THE POSSIBILITY THAT LARGE OR FREQUENT SPILLS CAN HAVE A HARMFUL OR DAMAGING EFFECT ON THE ENVIRONMENT.

COMPONENTS	SPECIES	TEST RESULTS
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ISOPROPYL ALCOHOL (CAS 67-63-0)		
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AQUATIC:

FISH	LC50	BLUEGILL (LEPOMIS MACROCHIRUS)	>1400 MG/L, 96 HOURS
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PERSISTENCE AND DEGRADABILITY:

NO DATA IS AVAILABLE ON THE DEGRADABILITY OF THIS PRODUCT.

BIOACCUMULATIVE POTENTIAL:

PARTITION COEFFICIENT N-OCTANOL / WATER (LOG KOW):

ISOPROPYL ALCOHOL (CAS 67-63-0): 0.05

MOBILITY IN SOIL: THIS PRODUCT IS WATER SOLUBLE AND MAY DISPERSE IN SOIL.

OTHER ADVERSE EFFECTS:

THE PRODUCT CONTAINS VOLATILE ORGANIC COMPOUNDS WHICH HAVE A PHOTOCHEMICAL OZONE CREATION POTENTIAL.

13. DISPOSAL CONSIDERATIONS



DISPOSAL INSTRUCTIONS:

COLLECT AND RECLAIM OR DISPOSE IN SEALED CONTAINERS AT LICENSED WASTE DISPOSAL SITE. DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

LOCAL DISPOSAL REGULATIONS:

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

HAZARDOUS WASTE CODE:

THE WASTE CODE SHOULD BE ASSIGNED IN DISCUSSION BETWEEN THE USER, THE PRODUCER AND THE WASTE DISPOSAL COMPANY.

WASTE FROM RESIDUES / UNUSED PRODUCTS:

DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS. EMPTY CONTAINERS OR LINERS MAY RETAIN SOME PRODUCT RESIDUES. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE MANNER (SEE: DISPOSAL INSTRUCTIONS).

CONTAMINATED PACKAGING:

SINCE EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED. EMPTY CONTAINERS SHOULD BE TAKEN TO AN APPROVED WASTE HANDLING SITE FOR RECYCLING OR DISPOSAL.

14. TRANSPORT INFORMATION



DOT:

UN NUMBER: UN1219

UN PROPER SHIPPING NAME: ISOPROPYL ALCOHOL

TRANSPORT HAZARD CLASS(ES):

CLASS: 3

SUBSIDIARY RISK:

LABEL(S): 3

PACKING GROUP: II

ENVIRONMENTAL HAZARDS:

MARINE POLLUTANT: NO

SPECIAL PRECAUTIONS FOR USER:

READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

SPECIAL PROVISIONS: IB2, T4, TP1

PACKAGING EXCEPTIONS: 4B, 150

PACKAGING NON BULK: 202

PACKAGING BULK: 242

ERG NUMBER: 129

IATA:

UN NUMBER: UN1219

UN PROPER SHIPPING NAME: ISOPROPYL ALCOHOL

TRANSPORT HAZARD CLASS(ES):

CLASS: 3

SUBSIDIARY RISK:

LABEL(S): 3

PACKING GROUP: II

ENVIRONMENTAL HAZARDS: NO

SPECIAL PRECAUTIONS FOR USER:

READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

IMDG:

UN NUMBER: UN1219

UN PROPER SHIPPING NAME: ISOPROPYL ALCOHOL

TRANSPORT HAZARD CLASS(ES):

CLASS: 3

SUBSIDIARY RISK:

LABEL(S): 3

PACKING GROUP: II

ENVIRONMENTAL HAZARDS:

MARINE POLLUTANT: NO

EMS: NOT AVAILABLE.

SPECIAL PRECAUTIONS FOR USER:

READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:
NOT APPLICABLE.

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS:

THIS PRODUCT IS A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

ALL COMPONENTS ARE ON THE U.S. EPA TSCA INVENTORY LIST.

TSCA SECTION 12(B) EXPORT NOTIFICATION (40 CFR 707, SUBPT. D):
NOT REGULATED.

OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050):
NOT REGULATED.

CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR 302.4):
ISOPROPYL ALCOHOL (CAS 67-63-0): LISTED

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

HAZARD CATEGORIES:

IMMEDIATE HAZARD: YES

DELAYED HAZARD: NO

FIRE HAZARD: YES

REACTIVITY HAZARD: NO

PRESSURE HAZARD: NO

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: NOT LISTED.

SARA 311/312 HAZARDOUS CHEMICAL: YES

SARA 313 (TRI REPORTING):

CHEMICAL NAME	CAS NUMBER	% BY WT.
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ISOPROPYL ALCOHOL	67-63-0	70
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OTHER FEDERAL REGULATIONS:

CLEAN AIR ACT (CAA) SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPS) LIST:
NOT REGULATED.

CLEAN AIR ACT (CAA) SECTION 112(R) ACCIDENTAL RELEASE PREVENTION (40 CFR 68.130): NOT REGULATED.

SAFE DRINKING WATER ACT (SDWA): NOT REGULATED.

US STATE REGULATIONS:

US. MASSACHUSETTS RTK - SUBSTANCE LIST:

ISOPROPYL ALCOHOL (CAS 67-63-0)

US. NEW JERSEY WORKER AND COMMUNITY RIGHT-TO-KNOW ACT:
ISOPROPYL ALCOHOL (CAS 67-63-0)

US. PENNSYLVANIA WORKER AND COMMUNITY RIGHT-TO-KNOW LAW:
ISOPROPYL ALCOHOL (CAS 67-63-0)

US. RHODE ISLAND RTK: ISOPROPYL ALCOHOL (CAS 67-63-0)

US. CALIFORNIA PROPOSITION 65:

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986
(PROPOSITION 65):

THIS MATERIAL IS NOT KNOWN TO CONTAIN ANY CHEMICALS CURRENTLY LISTED AS
CARCINOGENS OR REPRODUCTIVE TOXINS.

INTERNATIONAL INVENTORIES:

COUNTRY(S) OR REGION	INVENTORY NAME	ON INVENTORY (YES/NO)*
AUSTRALIA	AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS)	YES
CANADA	DOMESTIC SUBSTANCES LIST (DSL)	YES
CANADA	NON-DOMESTIC SUBSTANCES LIST (NDSL)	NO
CHINA	INVENTORY OF EXISTING CHEMICAL SUBSTANCES IN CHINA (IECSC)	YES
EUROPE	EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS)	YES
EUROPE	EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES (ELINCS)	NO
JAPAN	INVENTORY OF EXISTING AND NEW CHEMICAL SUBSTANCES (ENCS)	YES
KOREA	EXISTING CHEMICALS LIST (ECL)	YES
NEW ZEALAND	NEW ZEALAND INVENTORY	YES
PHILIPPINES	PHILIPPINE INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES (PICCS)	YES
UNITED STATES & PUERTO RICO	TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY	YES

*A "YES" INDICATES THIS PRODUCT COMPLIES WITH THE INVENTORY REQUIREMENTS
ADMINISTERED BY THE GOVERNING COUNTRY(S).

A "NO" INDICATES THAT ONE OR MORE COMPONENTS OF THE PRODUCT ARE NOT LISTED

OR EXEMPT FROM LISTING ON THE INVENTORY ADMINISTERED BY THE GOVERNING COUNTRY(S).

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION



OR LAST REVISION

ISSUE DATE: 01-OCTOBER-2015

REVISION DATE:

VERSION #: 01

NFPA RATINGS:

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DISCLAIMER:

THIS INFORMATION IS PROVIDED WITHOUT WARRANTY. THE INFORMATION IS BELIEVED TO BE CORRECT. THIS INFORMATION SHOULD BE USED TO MAKE AN INDEPENDENT DETERMINATION OF THE METHODS TO SAFEGUARD WORKERS AND THE ENVIRONMENT.

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