

Common Name: POLAR PREMIUM DE-ICER SPRAY

Manufacturer: WARREN DISTRIBUTION

SDS Revision Date: 4/2/2015

SDS Format: GHS-US

Item Number(s): 20RW91

Manufacturer Model Number(s):

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WARREN DISTRIBUTION

SINCE 1922

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE



AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER:

PRODUCT NAME: POLAR PREMIUM DE-ICER SPRAY

PRODUCT CODE: POSF0062

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

RECOMMENDED USE: NOT APPLICABLE

RECOMMENDED RESTRICTIONS: NOT APPLICABLE

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

MANUFACTURER:

WARREN DISTRIBUTION, INC.

727 S. 13TH STREET

OMAHA, NE 68102

INFORMATION PHONE:

+01 (800) 825-1235

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1.4. EMERGENCY TELEPHONE NUMBER:

EMERGENCY PHONE NUMBER:

CHEMTREC: +1 (800) 424-9300

INTERNATIONAL: +01 (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION



2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (STOT) - SINGLE EXPOSURE CATEGORY 1
ACUTE TOXICITY - INHALATION VAPOR CATEGORY 3
ACUTE TOXICITY - DERMAL CATEGORY 3
ACUTE TOXICITY - ORAL CATEGORY 3

2.2. LABEL ELEMENTS:

GHS HAZARD SYMBOLS:
HEALTH HAZARD
SKULLS AND CROSSBONES

SIGNAL WORD: DANGER

HAZARD STATEMENTS:
H301+H311+H331: TOXIC IF SWALLOWED, IN CONTACT WITH SKIN OR IF INHALED.
H370: CAUSES DAMAGE TO ORGANS.

PRECAUTIONARY STATEMENTS:

PREVENTION:
P260: DO NOT BREATHE DUST/FUME/GAS/MIST/VAPORS/SPRAY.

P261: AVOID BREATHING DUST/FUME/GAS/MIST/VAPORS/SPRAY.

P264: WASH EXPOSED AREAS THOROUGHLY AFTER HANDLING.

P270: DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.

P271: USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.

P280:
WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

RESPONSE:
P301+P310:
IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR/...

P302+P352:
IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

P304+P340:
IF INHALED:
REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.

P307+P311:
IF EXPOSED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

P312: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

P321: SPECIFIC TREATMENT (SEE SECTION 4).

P322: SPECIFIC MEASURES (SEE ... ON THIS LABEL).

P330: RINSE MOUTH.

P361: REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING.

P363: WASH CONTAMINATED CLOTHING BEFORE REUSE.

STORAGE:
P403+P233: STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.
P405: STORE LOCKED UP.

DISPOSAL:
P501:
DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

2.3. OTHER HAZARDS:
HAZARDS NOT OTHERWISE CLASSIFIED: NO DATA AVAILABLE.

UNKNOWN ACUTE TOXICITY (GHS-US):

UNKNOWN ACUTE TOXICITY (DERMAL):
45.11 % OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY.

UNKNOWN ACUTE TOXICITY (GAS):
50.09 % OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY.

UNKNOWN ACUTE TOXICITY (DUST/MIST):
50.09 % OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS



CHEMICAL NAME	%	CAS #	GHS CLASSIFICATION
METHANOL	30 - 60	67-56-1	ACUTE TOX. 3; H311 ACUTE TOX. 3; H301 ACUTE TOX. 3; H331 FLAM. LIQ. 2; H225 STOT SE 1; H370
ETHYLENE GLYCOL	1 - 5	107-21-1	ACUTE TOX. 4; H302
CARBON DIOXIDE	1 - 5	124-38-9	PRESS. GAS (*); H280

COMPONENTS NOT LISTED ARE NOT PHYSICAL OR HEALTH HAZARDS AS DEFINED IN 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD).

SECTION 4: FIRST AID MEASURES



4.1. DESCRIPTION OF FIRST AID MEASURES:

INHALATION:

REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, HAVE A TRAINED INDIVIDUAL ADMINISTER OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION AND HAVE A TRAINED INDIVIDUAL ADMINISTER OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

EYES:

FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 20 MINUTES RETRACTING EYELIDS OFTEN. TILT THE HEAD TO PREVENT CHEMICAL FROM TRANSFERRING TO THE UNCONTAMINATED EYE. GET IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT:

WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

INGESTION:

SEEK MEDICAL ATTENTION IMMEDIATELY OR CALL THE POISON CONTROL CENTER. DO NOT INDUCE VOMITING. IF PATIENT IS FULLY CONSCIOUS, GIVE UP TO TWO GLASSES OF WATER. PROVIDE MEDICAL CARE PROVIDER WITH THIS SDS. CONTAINS A HIGHLY TOXIC SUBSTANCE THAT MAY BE FATAL IF SWALLOWED. SEEK MEDICAL HELP IMMEDIATELY AND CONTACT A POISON INFORMATION SERVICE. DRINK TWO GLASSES OF WATER OR MILK TO DILUTE.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

SYMPTOMS:

VOMITING, NAUSEA, HEADACHE, DIZZINESS, DROWSINESS, COUGHING, MENTAL CONFUSION, SYSTEMIC EFFECTS SIMILAR TO THOSE RESULTING FROM INGESTION, TEMPORARY OR PERMANENT BLINDNESS, MUSCLE PAINS, IMPAIRED VISION

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

NOTE TO DOCTOR: NO ADDITIONAL FIRST AID INFORMATION AVAILABLE.

SECTION 5: FIREFIGHTING MEASURES



5.1. EXTINGUISHING MEDIA:

SUITABLE AND UNSUITABLE EXTINGUISHING MEDIA:

USE ALCOHOL RESISTANT FOAM, CARBON DIOXIDE, OR DRY CHEMICAL EXTINGUISHING AGENTS. WATER SPRAY OR FOG MAY ALSO BE EFFECTIVE FOR EXTINGUISHING IF SWEEPED ACROSS THE BASE OF THE FIRE. WATER CAN ALSO BE USED TO ABSORB HEAT AND KEEP EXPOSED MATERIAL FROM BEING DAMAGED BY FIRE.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

FIRE AND/OR EXPLOSION HAZARDS:

VAPORS MAY BE IGNITED BY SPARKS, FLAMES OR OTHER SOURCES OF IGNITION IF MATERIAL IS ABOVE THE FLASH POINT GIVING RISE TO A FIRE (CLASS B). VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK.

5.3. ADVICE FOR FIREFIGHTERS:

FIRE FIGHTING METHODS AND PROTECTION:

DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTION INCLUDING SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. FIGHT FIRE FROM A SAFE DISTANCE AND A PROTECTED LOCATION DUE TO THE POTENTIAL FOR HAZARDOUS VAPORS AND DECOMPOSITION PRODUCTS. FLAMMABLE COMPONENT(S) OF THIS MATERIAL MAY BE LIGHTER THAN WATER AND BURN WHILE FLOATING ON THE SURFACE.

HAZARDOUS COMBUSTION PRODUCTS: CARBON MONOXIDE, FORMALDEHYDE

SECTION 6: ACCIDENTAL RELEASE MEASURES



6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

GENERAL MEASURES:

EXPOSURE TO THE SPILLED MATERIAL MAY BE SEVERELY IRRITATING OR TOXIC. FOLLOW PERSONAL PROTECTIVE EQUIPMENT RECOMMENDATIONS FOUND IN SECTION 8 OF THIS SDS. PERSONAL PROTECTIVE EQUIPMENT NEEDS MUST BE EVALUATED BASED ON THE SPECIAL CIRCUMSTANCES CREATED BY THE SPILL INCLUDING; THE MATERIAL SPILLED, THE QUANTITY OF THE SPILL, THE AREA IN WHICH THE SPILL OCCURRED, AND THE EXPERTISE OF EMPLOYEES IN THE AREA RESPONDING TO THE SPILL. NEVER EXCEED ANY OCCUPATIONAL EXPOSURE LIMITS. EVAPORATION OF VOLATILE SUBSTANCES CAN LEAD TO THE DISPLACEMENT OF AIR CREATING AN ENVIRONMENT THAT CAN CAUSE ASPHYXIATION.

6.2. ENVIRONMENTAL PRECAUTIONS:

AVOID RUNOFF INTO STORM SEWERS AND DITCHES THAT LEAD TO WATERWAYS.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

METHODS FOR CLEANING UP:

PREVENT THE SPREAD OF ANY SPILL TO MINIMIZE HARM TO HUMAN HEALTH AND THE ENVIRONMENT IF SAFE TO DO SO. WEAR COMPLETE AND PROPER PERSONAL PROTECTIVE EQUIPMENT FOLLOWING THE RECOMMENDATION OF SECTION 8 AT A MINIMUM. DIKE WITH SUITABLE ABSORBENT MATERIAL LIKE GRANULATED CLAY. DISPOSE OF ACCORDING TO FEDERAL, STATE, LOCAL, OR PROVINCIAL REGULATIONS. USED FLUID SHOULD BE DISPOSED OF AT A RECYCLING CENTER. SHUT OFF IGNITION SOURCES; INCLUDING ELECTRICAL EQUIPMENT AND FLAMES. DO NOT ALLOW SMOKING IN THE AREA.

6.4. REFERENCE TO OTHER SECTIONS:

FOLLOW ALL PROTECTIVE EQUIPMENT RECOMMENDATIONS PROVIDED IN SECTION 8.

SECTION 7: HANDLING AND STORAGE



7.1. PRECAUTIONS FOR SAFE HANDLING:

HARMFUL OR IRRITATING MATERIAL. AVOID CONTACTING AND AVOID BREATHING THE MATERIAL. USE ONLY IN A WELL VENTILATED AREA. EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES/ VAPORS. USE PROPER BONDING AND GROUNDING DURING BULK PRODUCT TRANSFER. USE SPARK-PROOF TOOLS AND EXPLOSION-PROOF EQUIPMENT

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORE IN A COOL DRY VENTILATED LOCATION. ISOLATE FROM INCOMPATIBLE MATERIALS AND CONDITIONS. KEEP CONTAINER(S) CLOSED. DO NOT EXPOSE TO EXTREME TEMPERATURES OR FLAMES.

INCOMPATIBLE MATERIALS: SEE SECTION 10.

7.3. SPECIFIC END USE(S): NOT APPLICABLE

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION



8.1. CONTROL PARAMETERS:

CHEMICAL NAME	OCCUPATIONAL EXPOSURE LIMITS	VALUE
METHYL ALCOHOL	OSHA PEL	200 PPM TWA 260 MG/M3 TWA
CARBON DIOXIDE	OSHA PEL	5000 PPM TWA 9000 MG/M3 TWA
METHYL ALCOHOL	OSHA STEL	250 PPM STEL 325 MG/M3 STEL
CARBON DIOXIDE	OSHA STEL	30000 PPM STEL 54000 MG/M3 STEL
METHANOL	ACGIH TLV-TWA	200 PPM TWA

CARBON DIOXIDE	ACGIH TLV-TWA	5000 PPM TWA
METHANOL	ACGIH STEL	250 PPM STEL
CARBON DIOXIDE	ACGIH STEL	30000 PPM STEL
METHYL ALCOHOL	IDLH	6000 PPM IDLH
CARBON DIOXIDE	IDLH	40000 PPM IDLH
NONE.	OSHA PEL-SKIN NOTATION	
METHYL ALCOHOL	OSHA STEL-SKIN NOTATION	POTENTIAL FOR DERMAL ABSORPTION
METHANOL	ACGIH TLV-SKIN DESIGNATION	SKIN - POTENTIAL SIGNIFICANT CONTRIBUTION TO OVERALL EXPOSURE BY THE CUTANEOUS ROUTE

8.2. EXPOSURE CONTROLS:

ENGINEERING MEASURES:

USE LOCAL EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO MINIMIZE EXPOSURES AND MAINTAIN OPERATOR COMFORT.

RESPIRATORY PROTECTION:

RESPIRATORY PROTECTION MAY BE REQUIRED TO AVOID OVEREXPOSURE WHEN HANDLING THIS PRODUCT. GENERAL OR LOCAL EXHAUST VENTILATION IS THE PREFERRED MEANS OF PROTECTION. USE A RESPIRATOR IF GENERAL ROOM VENTILATION IS NOT AVAILABLE OR SUFFICIENT TO ELIMINATE SYMPTOMS.

RESPIRATOR TYPE(S):

NONE REQUIRED WHERE ADEQUATE VENTILATION IS PROVIDED. IF AIRBORNE CONCENTRATIONS ARE ABOVE THE APPLICABLE EXPOSURE LIMITS, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION. EYE PROTECTION WEAR CHEMICALLY RESISTANT SAFETY GLASSES WITH SIDE SHIELDS WHEN HANDLING THIS PRODUCT. DO NOT WEAR CONTACT LENSES. AN EYE WASH STATION MUST BE AVAILABLE WHERE THIS PRODUCT IS USED.

SKIN PROTECTION:

WEAR PROTECTIVE GLOVES. INSPECT GLOVES FOR CHEMICAL BREAK-THROUGH AND REPLACE AT REGULAR INTERVALS. CLEAN PROTECTIVE EQUIPMENT REGULARLY. WASH HANDS AND OTHER EXPOSED AREAS WITH MILD SOAP AND WATER BEFORE EATING, DRINKING, AND WHEN LEAVING WORK.

GLOVES: BUTYL RUBBER, POLYETHYLENE, POLYVINYLALCOHOL

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

ODOR: MILD

ODOR THRESHOLD: NOT DETERMINED

PH: NOT DETERMINED

FREEZING POINT: NOT DETERMINED

BOILING POINT: NOT DETERMINED

FLASH POINT METHOD: NOT DETERMINED

EVAPORATION RATE: 2-10 (N-BUTYL ACETATE = 1)

UPPER FLAMMABLE/EXPLOSIVE LIMIT, % IN AIR: 36.5 (AIR = 1)

LOWER FLAMMABLE/EXPLOSIVE LIMIT, % IN AIR: 6 (AIR = 1)

FLAMMABILITY (SOLID, GAS): NOT APPLICABLE

VAPOR PRESSURE: NOT DETERMINED

VAPOR DENSITY: 1.1

RELATIVE DENSITY: 0.89

SOLUBILITY IN WATER: COMPLETE; 100%

OCTANOL/WATER PARTITION COEFFICIENT: NOT DETERMINED

AUTOIGNITION TEMPERATURE: NOT DETERMINED

DECOMPOSITION TEMPERATURE: NOT DETERMINED

9.2. OTHER INFORMATION:

VOLATILES, % BY WEIGHT: 0.000000

SECTION 10: STABILITY AND REACTIVITY



10.1. REACTIVITY: NO DATA AVAILABLE.

10.2. CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS:
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

10.4. CONDITIONS TO AVOID:
SPARKS, OPEN FLAME, OTHER IGNITION SOURCES, AND ELEVATED TEMPERATURES.
VISIBLE LIGHT

10.5. INCOMPATIBLE MATERIALS:
STRONG OXIDIZING AGENTS, STRONG ACIDS, PEROXIDES, HYPOCHLORITES, ACETIC ANHYDRIDE, CAUSTICS (BASES)

10.6. HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, FORMALDEHYDE

SECTION 11: TOXICOLOGICAL INFORMATION



11.1. INFORMATION ON TOXICOLOGICAL EFFECTS:

INGESTION TOXICITY:
HIGHLY TOXIC IF SWALLOWED. MAY CAUSE TARGET ORGAN FAILURE AND/OR DEATH EVEN AT A LOW DOSE. LIKELY TO BE PRACTICALLY NON-TOXIC BY INGESTION BASED ON ANIMAL DATA.

SKIN CONTACT:
THIS MATERIAL IS LIKELY TO BE MODERATELY IRRITATING TO SKIN BASED ON ANIMAL DATA. CAN CAUSE MODERATE SKIN IRRITATION, DEFATTING, AND DERMATITIS. NOT LIKELY TO CAUSE PERMANENT DAMAGE.

ABSORPTION: LIKELY TO BE PRACTICALLY NON-TOXIC BASED ON ANIMAL DATA.

INHALATION TOXICITY:
NO HAZARD IN NORMAL INDUSTRIAL USE. LIKELY TO BE PRACTICALLY NON-TOXIC BASED ON ANIMAL DATA.

EYE CONTACT:
THE MATERIAL IS LIKELY TO BE MODERATELY IRRITATING TO EYES BASED ON ANIMAL DATA. CAN CAUSE MODERATE IRRITATION, TEARING AND REDDENING, BUT NOT LIKELY TO PERMANENTLY INJURE EYE TISSUE.

SENSITIZATION:
NON-HAZARDOUS UNDER RESPIRATORY SENSITIZATION CATEGORY. NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS MAY BE A SKIN SENSITIZER.

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

CARCINOGENICITY: NOT A CARCINOGEN ACCORDING TO NTP, IARC, OR OSHA.

REPRODUCTIVE AND DEVELOPMENTAL TOXICITY:
NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS PRESENT AT GREATER THAN 0.1% MAY CAUSE BIRTH DEFECTS.

SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:
H370: CAUSES DAMAGE TO ORGANS.

SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:
NON-HAZARDOUS UNDER SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY REPEATED EXPOSURE CATEGORY.

LONG-TERM (CHRONIC) HEALTH EFFECTS:
DROWSINESS, HEADACHE, IMPAIRED VISION, CIRCULATORY FAILURE, ABDOMINAL PAIN, SKIN RASHES

ASPIRATION TOXICITY: NON-HAZARDOUS UNDER ASPIRATION CATEGORY.

OTHER INFORMATION: NO DATA AVAILABLE.

AGENTS CLASSIFIED BY IARC MONOGRAPHS:
NOT APPLICABLE: IARC GROUP 1
NOT APPLICABLE: IARC GROUP 2A
NOT APPLICABLE: IARC GROUP 2B

NATIONAL TOXICITY PROGRAM (NTP) STATUS:
NOT APPLICABLE: KNOWN HUMAN CARCINOGEN
NOT APPLICABLE: REASONABLY ANTICIPATED TO BE A HUMAN CARCINOGEN

SECTION 12: ECOLOGICAL INFORMATION



12.1. TOXICITY:

ACUTE AQUATIC ECOTOXICITY:
NON-HAZARDOUS UNDER AQUATIC ACUTE ENVIRONMENT CATEGORY.

CHRONIC AQUATIC ECOTOXICITY:
NON-HAZARDOUS UNDER AQUATIC CHRONIC ENVIRONMENT CATEGORY.

12.2. PERSISTENCE AND DEGRADABILITY: BIODEGRADES QUICKLY.

12.3. BIOACCUMULATIVE POTENTIAL: BIOCONCENTRATION IS NOT EXPECTED TO OCCUR.

12.4. MOBILITY IN SOIL:
THIS MATERIAL IS EXPECTED TO HAVE VERY HIGH MOBILITY IN SOIL. IT DOES NOT ABSORB TO MOST SOIL TYPES. THIS MATERIAL IS EXPECTED TO HAVE HIGH MOBILITY IN SOIL. IT ABSORBS WEAKLY TO MOST SOIL TYPES. THIS MATERIAL IS EXPECTED TO EVAPORATE QUICKLY FROM SURFACE SOILS AND/OR WATERS.

12.5. RESULTS OF PBT AND VPVB ASSESSMENT: NO DATA AVAILABLE.

12.6. OTHER ADVERSE EFFECTS: NOT DETERMINED

SECTION 13: DISPOSAL CONSIDERATIONS



13.1. WASTE TREATMENT METHODS:

DISPOSAL METHODS:
DISPOSE OF BY INCINERATION FOLLOWING FEDERAL, STATE, LOCAL, OR PROVINCIAL REGULATIONS.

WASTE DISPOSAL CODE(S): D001

WASTE DESCRIPTION FOR SPENT PRODUCT:
SPENT OR DISCARDED MATERIAL IS A HAZARDOUS WASTE.

CONTAMINATED PACKAGING:
CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED.

SECTION 14: TRANSPORT INFORMATION



DOT:
PROPER SHIPPING NAME: CONSUMER COMMODITY
HAZARD CLASS: ORM-D

IMDG:
PROPER SHIPPING NAME: AEROSOLS
UN NUMBER: UN1950
HAZARD CLASS: 2.1
EXCEPTION: LTD QTY
EMS#: F-D, S-U

IATA:
PROPER SHIPPING NAME: AEROSOLS
UN NUMBER: UN1950
HAZARD CLASS: 2.1
EXCEPTION: LTD QTY

SECTION 15: REGULATORY INFORMATION



CHEMICAL INVENTORIES:

TSCA STATUS:
ALL COMPONENTS OF THIS MATERIAL ARE ON THE US TSCA INVENTORY OR ARE EXEMPT.

U.S. STATE RESTRICTIONS: NOT APPLICABLE

WHMIS:
B2, D1B, D2A, D2B (INCLUDING 28%)
D1B, D2A
A; UNCONTROLLED PRODUCT ACCORDING TO WHMIS CLASSIFICATION CRITERIA (SOLID)

CHEMICAL NAME	REGULATION	CAS #	%
METHANOL	CERCLA	67-56-1	30 - 60
ETHYLENE GLYCOL	CERCLA	107-21-1	1 - 5
METHANOL	SARA 313	67-56-1	30 - 60
ETHYLENE GLYCOL	SARA 313	107-21-1	1 - 5
NONE.	SARA EHS		
NONE.	TSCA 12B		

U.S. STATE REGULATIONS:

CHEMICAL NAME	REGULATION	CAS #	%
NONE.	CALIFORNIA PROP 65- CANCER		
METHANOL	CALIFORNIA PROP 65- DEV. TOXICITY	67-56-1	30 - 60
NONE.	CALIFORNIA PROP 65- REPROD -FEM		
NONE.	CALIFORNIA PROP 65- REPROD- MALE		
METHANOL	MASSACHUSETTS RTK LIST	67-56-1	30 - 60
ETHYLENE GLYCOL	MASSACHUSETTS RTK LIST	107-21-1	1 - 5
CARBON DIOXIDE	MASSACHUSETTS RTK LIST	124-38-9	1 - 5
METHYL ALCOHOL	NEW JERSEY RTK LIST	67-56-1	30 - 60
ETHYLENE GLYCOL	NEW JERSEY RTK LIST	107-21-1	1 - 5
CARBON DIOXIDE	NEW JERSEY RTK LIST	124-38-9	1 - 5
METHANOL	PENNSYLVANIA RTK LIST	67-56-1	30 - 60
1,2-ETHANEDIOL	PENNSYLVANIA RTK LIST	107-21-1	1 - 5
CARBON DIOXIDE	PENNSYLVANIA RTK LIST	124-38-9	1 - 5
NONE.	RHODE ISLAND RTK LIST		
METHYL ALCOHOL	MINNESOTA HAZARDOUS SUBSTANCE LIST	67-56-1	30 - 60
ETHYLENE GLYCOL	MINNESOTA HAZARDOUS SUBSTANCE LIST	107-21-1	1 - 5
CARBON DIOXIDE	MINNESOTA HAZARDOUS SUBSTANCE LIST	124-38-9	1 - 5

HMS RATINGS:

HEALTH 2
FIRE 3
REACTIVITY 0
PPE B

NFPA RATINGS:

HEALTH 2
FIRE 3
REACTIVITY 0

KEY:

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME

SECTION 16: OTHER INFORMATION



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SUPERSEDES: 11/12/2014 11:55:55 AM

REFERENCES:

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
AIHA: AMERICAN INDUSTRIAL HYGIENE ASSOCIATION
CFR: CODE OF FEDERAL REGULATIONS
DOT: UNITED STATES DEPARTMENT OF TRANSPORTATION
GHS: GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELING OF CHEMICALS
HMIS: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IATA: INTERNATIONAL AIR TRANSPORTATION ASSOCIATION
IDLH: IMMEDIATELY DANGEROUS TO LIFE OR HEALTH
IMDG: INTERNATIONAL MARITIME DANGEROUS GOODS
NFPA: NATIONAL FIRE PROTECTION ASSOCIATION
NIOSH: NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH
NTP: NATIONAL TOXICOLOGY PROGRAM
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PEL: PERMISSIBLE EXPOSURE LIMIT
RTK: RIGHT-TO-KNOW
SARA: SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT
STEL: SHORT-TERM EXPOSURE LIMIT
TLV: THRESHOLD LIMIT VALUE
TSCA: TOXIC SUBSTANCES CONTROL ACT
TWA: TIME WEIGHTED AVERAGE
UN: UNITED NATIONS
WHMIS: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM

DISCLAIMER:

THIS SAFETY DATA SHEET AND THE INFORMATION IT CONTAINS IS OFFERED TO YOU IN GOOD FAITH AS ACCURATE. WE HAVE REVIEWED ANY INFORMATION CONTAINED IN THE DATA SHEET WHICH WE HAVE RECEIVED FROM OUTSIDE SOURCES AND WE BELIEVE THE INFORMATION TO BE CORRECT, BUT CANNOT GUARANTEE ITS ACCURACY OR COMPLETENESS. HEALTH AND SAFETY PRECAUTIONS IN THIS DATA SHEET MAY NOT BE ADEQUATE FOR ALL INDIVIDUALS AND/OR SITUATIONS. IT IS THE USER'S OBLIGATION TO EVALUATE AND USE THIS PRODUCT IN A SAFE MANNER AND TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS. NO STATEMENT MADE IN THIS DATA SHEET SHALL BE CONSTRUED AS PERMISSION OR RECOMMENDATION FOR THE USE OF ANY PRODUCT IN A MANNER THAT MIGHT INFRINGE EXISTING PATENTS. NO WARRANTY IS MADE, EITHER EXPRESSED OR IMPLIED.