

**Common Name:** MOLDEX DISINFECTANT CONCENTRATE

**Manufacturer:** ENVIROCARE

**SDS Revision Date:** 3/30/2015

**SDS Format:** GHS-US

**Item Number(s):** 4WGE4

**Manufacturer Model  
Number(s):**

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SAFETY DATA SHEET

## 1. IDENTIFICATION

PRODUCT IDENTIFIER: MOLDEX (R\*) DISINFECTANT CONCENTRATE

OTHER MEANS OF IDENTIFICATION:

EPA NO.: 1839-169-82480

RECOMMENDED USE:

QUATERNARY AMMONIUM PRODUCT BLEND FOR USE AS A DISINFECTANT/SANITIZER.

RECOMMENDED RESTRICTIONS: FOR INDUSTRIAL USE ONLY.

MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION:

SUPPLIER:

COMPANY NAME: ENVIROCARE CORPORATION

ADDRESS:

10 UPTON DR. #3  
WILMINGTON, MA 01887

TELEPHONE/FAX: 978-658-0123/978-964-0444

E-MAIL: INFO@ENVIROCARECORP.COM

EMERGENCY PHONE NUMBER:

CHEMTREC:

US/CANADA: 1-800-424-9300  
INTL/MARITIME: +1-703-527-3887

## 2. HAZARD(S) IDENTIFICATION

PHYSICAL HAZARDS: NOT CLASSIFIED.

HEALTH HAZARDS:

ACUTE TOXICITY, ORAL: CATEGORY 4  
ACUTE TOXICITY, DERMAL: CATEGORY 3  
ACUTE TOXICITY, INHALATION: CATEGORY 4  
SKIN CORROSION/IRRITATION: CATEGORY 1  
SERIOUS EYE DAMAGE/EYE IRRITATION: CATEGORY 1  
SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE: CATEGORY 2

ENVIRONMENTAL HAZARDS:

HAZARDOUS TO THE AQUATIC ENVIRONMENT, ACUTE HAZARD: CATEGORY 1  
HAZARDOUS TO THE AQUATIC ENVIRONMENT, LONG-TERM HAZARD: CATEGORY 2

OSHA DEFINED HAZARDS: NOT CLASSIFIED.

LABEL ELEMENTS:

SKULLS AND CROSSBONES  
CORROSION  
HEALTH HAZARD  
ENVIRONMENT

SIGNAL WORD: DANGER

HAZARD STATEMENT:

HARMFUL IF SWALLOWED. TOXIC IN CONTACT WITH SKIN. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. CAUSES SERIOUS EYE DAMAGE. HARMFUL IF INHALED. MAY CAUSE DAMAGE TO ORGANS. VERY TOXIC TO AQUATIC LIFE. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

PREVENTION:

USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA. DO NOT BREATHE MIST OR VAPOR. WASH THOROUGHLY AFTER HANDLING. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. AVOID RELEASE TO THE ENVIRONMENT. WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

RESPONSE: COLLECT SPILLAGE.

IF SWALLOWED: CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.

IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING.

IF ON SKIN (OR HAIR):  
TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.

IF INHALED:  
REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

IF IN EYES:  
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IMMEDIATELY CALL A POISON CENTER/DOCTOR. SPECIFIC TREATMENT (SEE THIS LABEL). TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.

STORAGE: 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: NOT APPLICABLE.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURES:

CHEMICAL NAME	COMMON NAME AND SYNONYMS	CAS NUMBER	%
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (C12-16)		68424-85-1	3 - <5
DIDECYL DIMETHYL AMMONIUM CHLORIDE		7173-51-5	1 - <3
_DI-(C8-10)-ALKYL DIMETHYL AMMONIUM CHLORIDES		68424-95-3	1 - <3
_DIOCTYLDIMETHYLAMMONIUM CHLORIDE		5538-94-3	1 - <3
OTHER COMPONENTS BELOW			90 - 100

REPORTABLE LEVELS

#### **4. FIRST-AID MEASURES**

**INHALATION:**

REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. DO NOT USE MOUTH-TO-MOUTH METHOD IF VICTIM INHALED THE SUBSTANCE. INDUCE ARTIFICIAL RESPIRATION WITH THE AID OF A POCKET MASK EQUIPPED WITH A ONE-WAY VALVE OR OTHER PROPER RESPIRATORY MEDICAL DEVICE. CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

**SKIN CONTACT:**

TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. CHEMICAL BURNS MUST BE TREATED BY A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE.

**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. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

**INGESTION:**

CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. RINSE MOUTH. DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD LOW SO THAT STOMACH CONTENT DOESN'T GET INTO THE LUNGS.

**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:**

BURNING PAIN AND SEVERE CORROSIVE SKIN DAMAGE. CAUSES SERIOUS EYE DAMAGE. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. PERMANENT EYE DAMAGE INCLUDING BLINDNESS COULD RESULT.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**  
PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY.

**CHEMICAL BURNS:**

FLUSH WITH WATER IMMEDIATELY. WHILE FLUSHING, REMOVE CLOTHES WHICH DO NOT ADHERE TO AFFECTED AREA. CALL AN AMBULANCE. CONTINUE FLUSHING DURING TRANSPORT TO HOSPITAL. IN CASE OF SHORTNESS OF BREATH, GIVE OXYGEN. KEEP VICTIM WARM. KEEP VICTIM UNDER OBSERVATION. SYMPTOMS MAY BE DELAYED.

**GENERAL INFORMATION:**

TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. IN THE CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE). 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:

WATER FOG. FOAM. 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:

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:

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: NO UNUSUAL FIRE OR EXPLOSION HAZARDS NOTED.

## **6. ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

IMMEDIATELY EVACUATE PERSONNEL TO SAFE AREAS. KEEP UNNECESSARY PERSONNEL AWAY. KEEP PEOPLE AWAY FROM AND UPWIND OF SPILL/LEAK. WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND CLOTHING DURING CLEAN-UP. FULLY ENCAPSULATING, VAPOR PROTECTIVE CLOTHING SHOULD BE WORN FOR SPILLS AND LEAKS WITH NO FIRE. DO NOT BREATHE 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:

LARGE SPILLS:

STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. DIKE THE SPILLED MATERIAL, WHERE THIS IS POSSIBLE. COVER WITH PLASTIC SHEET TO PREVENT SPREADING. ABSORB IN VERMICULITE, DRY SAND OR EARTH AND PLACE INTO CONTAINERS. PREVENT ENTRY INTO WATERWAYS, SEWER, BASEMENTS OR CONFINED AREAS. FOLLOWING PRODUCT RECOVERY, FLUSH AREA WITH WATER.

SMALL SPILLS:

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.

DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT INTO LAKES, STREAMS, PONDS, ESTUARIES, OCEANS OR OTHER WATERS UNLESS IN ACCORDANCE WITH THE REQUIREMENTS OF A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMIT AND THE PERMITTING AUTHORITY HAS BEEN NOTIFIED IN WRITING PRIOR TO DISCHARGE. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT TO SEWER SYSTEMS WITHOUT PREVIOUSLY NOTIFYING THE LOCAL SEWAGE TREATMENT PLANT AUTHORITY. FOR GUIDANCE, CONTACT YOUR STATE WATER BOARD OR REGIONAL OFFICE OF THE EPA.

**ENVIRONMENTAL PRECAUTIONS:**

AVOID RELEASE TO THE ENVIRONMENT. CONTACT LOCAL AUTHORITIES IN CASE OF SPILLAGE TO DRAIN/AQUATIC ENVIRONMENT. PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT CONTAMINATE WATER. AVOID DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND.

## **7. HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING:**

DO NOT BREATHE MIST OR VAPOR. DO NOT GET THIS MATERIAL IN CONTACT WITH EYES. DO NOT GET THIS MATERIAL IN CONTACT WITH SKIN. DO NOT TASTE OR SWALLOW. DO NOT GET THIS MATERIAL ON CLOTHING. USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES. WHEN USING, DO NOT EAT, DRINK OR SMOKE. WASH HANDS THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING BEFORE REUSE. AVOID RELEASE TO THE ENVIRONMENT. DO NOT EMPTY INTO DRAINS.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**  
DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

**PESTICIDE STORAGE:**

STORE IN A DRY PLACE NO LOWER IN TEMPERATURE THAN 50 DEG. F OR HIGHER THAN 120 DEG. F. STORE LOCKED UP. STORE IN ORIGINAL TIGHTLY CLOSED CONTAINER. STORE IN A WELL-VENTILATED PLACE. STORE AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION 10 OF THE SDS).

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**OCCUPATIONAL EXPOSURE LIMITS:** NO EXPOSURE LIMITS NOTED FOR INGREDIENT(S).

**BIOLOGICAL LIMIT VALUES:**

NO BIOLOGICAL EXPOSURE LIMITS NOTED FOR THE INGREDIENT(S).

**APPROPRIATE ENGINEERING CONTROLS:**

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. EYE WASH FACILITIES AND EMERGENCY SHOWER MUST BE AVAILABLE WHEN HANDLING THIS PRODUCT.

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:**

**EYE/FACE PROTECTION:**

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

GOGGLES) AND A FACE SHIELD. WEAR A FULL-FACE RESPIRATOR, IF NEEDED.

HAND PROTECTION: WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES.

SKIN PROTECTION:

OTHER: WEAR APPROPRIATE CHEMICAL RESISTANT CLOTHING.

RESPIRATORY PROTECTION:

IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT.

THERMAL HAZARDS:

WEAR APPROPRIATE THERMAL PROTECTIVE CLOTHING, WHEN NECESSARY.

GENERAL HYGIENE CONSIDERATIONS:

WHEN USING, DO NOT EAT, DRINK OR 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: 6.0000 - 8.0000 (AS IS)

MELTING POINT/FREEZING POINT: NOT AVAILABLE.

INITIAL BOILING POINT AND BOILING RANGE: 200 DEG. F (93.3 DEG. C)

FLASH POINT: >201 DEG. F (>93.9 DEG. C) PMCC

EVAPORATION RATE: ESTIMATED SLOWER THAN ETHYL ETHER.

FLAMMABILITY (SOLID, GAS): NOT AVAILABLE.

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: NOT DETERMINED OR UNKNOWN

VAPOR DENSITY/RELATIVE DENSITY: ESTIMATED HEAVIER THAN AIR/NOT AVAILABLE

SOLUBILITY (IES) :

SOLUBILITY (WATER): NOT AVAILABLE.

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE.

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

VISCOSITY: NOT AVAILABLE.

OTHER INFORMATION:

DENSITY: 8.26 LB/GAL @ 25C

VOC: 1.2%

## **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 TEMPERATURES EXCEEDING THE FLASH POINT. CONTACT WITH INCOMPATIBLE MATERIALS. INCOMPATIBLE MATERIALS STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

NO HAZARDOUS DECOMPOSITION PRODUCTS ARE KNOWN.

## **11. TOXICOLOGICAL INFORMATION**

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

INGESTION: CAUSES DIGESTIVE TRACT BURNS. HARMFUL IF SWALLOWED.

INHALATION: HARMFUL IF INHALED. MAY CAUSE DAMAGE TO ORGANS BY INHALATION.

SKIN CONTACT: TOXIC IN CONTACT WITH SKIN. CAUSES SEVERE SKIN BURNS.

EYE CONTACT: CAUSES SERIOUS EYE DAMAGE.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

BURNING PAIN AND SEVERE CORROSIVE SKIN DAMAGE. CAUSES SERIOUS EYE DAMAGE. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. PERMANENT EYE DAMAGE INCLUDING BLINDNESS COULD RESULT.

INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:

TOXIC IN CONTACT WITH SKIN. HARMFUL IF INHALED. HARMFUL IF SWALLOWED.

SKIN CORROSION/IRRITATION: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

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

RESPIRATORY OR SKIN SENSITIZATION:

RESPIRATORY SENSITIZATION: NOT AVAILABLE.

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.

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

REPRODUCTIVE TOXICITY:

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

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:  
MAY CAUSE DAMAGE TO ORGANS.

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE: NOT APPLICABLE.

ASPIRATION HAZARD: NOT LIKELY, DUE TO THE FORM OF THE PRODUCT.

## **12. ECOLOGICAL INFORMATION**

ECOTOXICITY:

VERY TOXIC TO AQUATIC LIFE. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

PERSISTENCE AND DEGRADABILITY:

NO DATA IS AVAILABLE ON THE DEGRADABILITY OF THIS PRODUCT.

BIOACCUMULATIVE POTENTIAL: NO DATA AVAILABLE.

MOBILITY IN SOIL: NO DATA AVAILABLE.

OTHER ADVERSE EFFECTS:

NO OTHER ADVERSE ENVIRONMENTAL EFFECTS (E.G. OZONE DEPLETION, PHOTOCHEMICAL

OZONE CREATION POTENTIAL, ENDOCRINE DISRUPTION, GLOBAL WARMING POTENTIAL) ARE EXPECTED FROM THIS COMPONENT.

### **13. DISPOSAL CONSIDERATIONS**

DISPOSAL INSTRUCTIONS:

PESTICIDE DISPOSAL:

PESTICIDE WASTES ARE ACUTELY HAZARDOUS. IMPROPER DISPOSAL OF EXCESS PESTICIDE, SPRAY MIXTURE, OR RINSATE IS A VIOLATION OF FEDERAL LAW. IF THESE WASTES CANNOT BE DISPOSED OF BY USE ACCORDING TO LABEL INSTRUCTIONS CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.

CONTAINER DISPOSAL:

NONREFILLABLE CONTAINER. DO NOT REUSE OR REFILL THIS CONTAINER. OFFER FOR RECYCLING, IF AVAILABLE. TRIPLE RINSE CONTAINER PROMPTLY AFTER EMPTYING.

(FOR CONTAINERS 5 GALLONS OR LESS):

TRIPLE RINSE AS FOLLOWS:

FILL CONTAINER 1/4 FULL WITH WATER AND RECAP. AGITATE VIGOROUSLY. FOLLOW PESTICIDE DISPOSAL INSTRUCTIONS FOR RINSATE DISPOSAL. DRAIN FOR 10 SECONDS AFTER THE FLOW BEGINS TO DRIP. REPEAT PROCEDURE TWO MORE TIMES. THEN OFFER FOR RECYCLING OR RECONDITIONING. IF NOT AVAILABLE, PUNCTURE AND DISPOSE IN A SANITARY LANDFILL.

(FOR CONTAINERS GREATER THAN 5 GALLONS):

TRIPLE RINSE AS FOLLOWS:

FILL CONTAINER 1/4 FULL WITH WATER. TIP CONTAINER ON ITS SIDE AND ROLL IT BACK AND FORTH, ENSURING AT LEAST ONE COMPLETE REVOLUTION FOR 30 SECONDS. STAND THE CONTAINER ON ITS END AND TIP IT BACK AND FORTH SEVERAL TIMES. TURN THE CONTAINER OVER ONTO ITS OTHER END AND TIP IT BACK AND FORTH SEVERAL TIMES. FOLLOW PESTICIDE DISPOSAL INSTRUCTIONS FOR RINSATE DISPOSAL. REPEAT PROCEDURE TWO MORE TIMES. THEN OFFER FOR RECYCLING OR RECONDITIONING. IF NOT AVAILABLE, PUNCTURE AND DISPOSE IN A SANITARY LANDFILL.

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:

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

#### **14. TRANSPORT INFORMATION**

GENERAL:

NOTE - SHIPPER/OFFER OR IS RESPONSIBLE FOR CONFIRMING APPROPRIATE PROPER SHIPPING NAME, HAZARD CLASSIFICATION(S), PACKING GROUP, MARKING, LABELING, PLACARDING, PACKAGING, AND OTHER REGULATORY REQUIREMENTS APPLICABLE TO PACKAGES OFFERED FOR TRANSPORT. THESE REQUIREMENTS MAY VARY DEPENDING ON THE QUANTITY OF MATERIAL, PACKAGING, MODE OF TRANSPORTATION, AND CARRIER.

DOT:

UN NUMBER: UN1760

UN PROPER SHIPPING NAME:  
CORROSIVE LIQUID, N.O.S. (QUATERNARY AMMONIUM CHLORIDE)

TRANSPORT HAZARD CLASS(ES)  
CLASS: 8  
SUBSIDIARY RISK:

PACKING GROUP: III

SPECIAL PRECAUTIONS FOR USER:  
READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

IATA:

UN NUMBER: UN1760

UN PROPER SHIPPING NAME:  
CORROSIVE LIQUID, N.O.S. (QUATERNARY AMMONIUM CHLORIDE)

TRANSPORT HAZARD CLASS(ES):  
CLASS: 8  
SUBSIDIARY RISK

PACKING GROUP: III

ENVIRONMENTAL HAZARDS: YES

SPECIAL PRECAUTIONS FOR USER:  
READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

IMDG:

UN NUMBER: UN1760

UN PROPER SHIPPING NAME:  
CORROSIVE LIQUID, N.O.S. (QUATERNARY AMMONIUM CHLORIDE)

TRANSPORT HAZARD CLASS(ES) :  
CLASS: 8  
SUBSIDIARY RISK:

PACKING GROUP: III

ENVIRONMENTAL HAZARDS:  
MARINE POLLUTANT: YES

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 AVAILABLE.

DOT: CORROSIVE, CLASS/DIVISION 8

IATA; IMDG: CLASS 8, CORROSIVES

MARINE POLLUTANT: ENVIRONMENT

## **15. REGULATORY INFORMATION**

US FEDERAL REGULATIONS: THIS PRODUCT IS A U.S. EPA REGISTERED PESTICIDE.

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

CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR 302.4): NOT LISTED.

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

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

HAZARD CATEGORIES:  
IMMEDIATE HAZARD: YES  
DELAYED HAZARD: NO  
FIRE HAZARD: NO  
REACTIVITY HAZARD: NO  
PRESSURE HAZARD: NO

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: NO

SARA 311/312 HAZARDOUS CHEMICAL: YES

SARA 313 (TRI REPORTING): NOT REGULATED.

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.

FIFRA INFORMATION:

THIS CHEMICAL IS A PESTICIDE PRODUCT REGISTERED BY THE ENVIRONMENTAL PROTECTION AGENCY AND IS SUBJECT TO CERTAIN LABELING REQUIREMENTS UNDER FEDERAL PESTICIDE LAW. THESE REQUIREMENTS DIFFER FROM THE CLASSIFICATION CRITERIA AND HAZARD INFORMATION REQUIRED FOR SAFETY DATA SHEETS, AND FOR WORKPLACE LABELS OF NON-PESTICIDE CHEMICALS.

FOLLOWING IS THE HAZARD INFORMATION AS REQUIRED ON THE PESTICIDE LABEL:

SIGNAL WORD: DANGER

HAZARD STATEMENT:

CORROSIVE.

CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS.

MAY BE FATAL IF ABSORBED THROUGH SKIN.

HARMFUL IF SWALLOWED.

HARMFUL IF INHALED.

THIS PRODUCT IS TOXIC TO FISH.

US STATE REGULATIONS:

US. MASSACHUSETTS RTK - SUBSTANCE LIST: NOT REGULATED.

US. RHODE ISLAND RTK: NOT REGULATED.

US. CALIFORNIA PROPOSITION 65:

SUBREGISTRANT MAY ELECT NOT TO USE THIS WARNING IF IT CONDUCTS AN ASSESSMENT WHICH DETERMINES SUCH INGREDIENT FALLS BELOW THE THRESHOLD ACTION LEVEL REQUIRING WARNING UNDER CALIFORNIA PROPOSITION 65.

SUBREGISTRANT DOES SO AT ITS OWN RISK AND LIABILITY, AND HEREBY AGREES TO INDEMNIFY AND HOLD STEPAN HARMLESS FOR ANY CLAIM, CAUSE OF ACTION, OR DAMAGES ARISING FROM SUCH DECISION NOT TO WARN.

WARNING:

THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

US - CALIFORNIA PROPOSITION 65 - CRT: LISTED DATE/DEVELOPMENTAL TOXIN:

METHANOL (CAS 67-56-1) LISTED: MARCH 16, 2012

INTERNATIONAL INVENTORIES:

COUNTRY(S) OR REGION	INVENTORY NAME	ON INVENTORY YES/NO)*
AUSTRALIA	AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS)	NO
CANADA	DOMESTIC SUBSTANCES LIST (DSL)	NO

CANADA	NON-DOMESTIC SUBSTANCES LIST (NDSL)	NO
CHINA	INVENTORY OF EXISTING CHEMICAL SUBSTANCES IN CHINA (IECSC)	NO
EUROPE	EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS)	NO
EUROPE	EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES (ELINCS)	NO
JAPAN	INVENTORY OF EXISTING AND NEW CHEMICAL SUBSTANCES (ENCS)	NO
KOREA	EXISTING CHEMICALS LIST (ECL)	NO
NEW ZEALAND	NEW ZEALAND INVENTORY	NO
PHILIPPINES	PHILIPPINE INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES (PICCS)	NO
UNITED STATES & PUERTO RICO	TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY	NO

\*A "YES" INDICATES THAT ALL COMPONENTS OF THIS PRODUCT COMPLY 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: 05-17-2015

VERSION #: 00

NFPA RATINGS:

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DISCLAIMER:

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MATERIAL NAME: MOLDEX(R\*) DISINFECTANT CONCENTRATE

REVISION DATE: 03-30-2015

PRINT DATE: 05-17-2015

SDS US