

Chem-Impex International Inc.

Tel: (630) 766-2112
E-mail: sales@chemimpex.com
Shipping and Correspondence:
935 Dillon Drive
Wood Dale, IL 60191 USA

Fax: (630) 766-2218
Web site: www.chemimpex.com
Manufacturing site:
825 Dillon Drive
Wood Dale, IL 60191 USA

SAFETY DATA SHEET

SECTION 1. CHEMICAL IDENTIFICATION

| | |
|---------------------------------|---------------------------------------------------------|
| CATALOG #: | 00276 |
| NAME: | Thioglycolic acid sodium salt |
| SYNONYMS: | Mercaptoacetic acid sodium salt Sodium thioglycolate |
| 24 HOUR EMERGENCY TELEPHONE: | (800) 535-5053(USA) 352-323-3500 (INTERNATIONAL) |
| TO REQUEST AN MSDS: | (800) 869-9290 |
| CUSTOMER SERVICE: | (630) 766-2112 |

SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS)

CORROSIVE TO METALS (CATEGORY 1), H290

ACUTE TOXICITY, ORAL (CATEGORY 3), H301

ACUTE TOXICITY, DERMAL (CATEGORY 4), H312

SKIN SENSITIZATION (CATEGORY 1), H317

SHORT-TERM (ACUTE) AQUATIC HAZARD (CATEGORY 3), H402

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE
SECTION 16.

**GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS
PICTOGRAM**

SIGNAL WORD

DANGER

HAZARD STATEMENT(S)

H290 MAY BE CORROSIVE TO METALS.

H301 TOXIC IF SWALLOWED.

H312 HARMFUL IN CONTACT WITH SKIN.

H317 MAY CAUSE AN ALLERGIC SKIN REACTION.

H402 HARMFUL TO AQUATIC LIFE.

PRECAUTIONARY STATEMENT(S)

P234 KEEP ONLY IN ORIGINAL CONTAINER.

P261 AVOID BREATHING DUST.

P264 WASH SKIN THOROUGHLY AFTER HANDLING.

P270 DO NOT EAT, DRINK OR SMOKE WHEN USING THIS
PRODUCT.P272 CONTAMINATED WORK CLOTHING MUST NOT BE
ALLOWED OUT OF THE WORKPLACE.

P273 AVOID RELEASE TO THE ENVIRONMENT.

P280 WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING.

P301 + P310 + P330 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/
DOCTOR. RINSE MOUTH.P302 + P352 + P312 IF ON SKIN: WASH WITH PLENTY OF WATER. CALL A POISON
CENTER/ DOCTOR IF YOU FEEL UNWELL.P333 + P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL
ADVICE/ ATTENTION.

P363 WASH CONTAMINATED CLOTHING BEFORE REUSE.

P390 ABSORB SPILLAGE TO PREVENT MATERIAL DAMAGE.

P405 STORE LOCKED UP.

P406 STORE IN CORROSIVE RESISTANT CONTAINER WITH A
RESISTANT INNER LINER.P501 DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED
WASTE DISPOSAL PLANT.

**HAZARDS NOT
OTHERWISE
CLASSIFIED (HNOC)
OR NOT COVERED
BY GHS**

NONE

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MF: $C_2H_3O_2SNa$

MW: 114.10

CAS-NO. 367-51-1

PURITY: $\geq 98\%$ (Assay)

HAZARDOUS COMPONENTS

| COMPONENT | CLASSIFICATION | CONCENTRATION |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------|
| Thioglycolic acid sodium salt | | |
| | MET. CORR. 1; ACUTE TOX. 3; ACUTE TOX. 4; SKIN SENS. 1; AQUATIC ACUTE 3; H290, H301, H312, H317, H402 | $\leq 100\%$ |

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

SECTION 4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE CONSULT A PHYSICIAN. SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE. MOVE OUT OF DANGEROUS AREA.

IF INHALED IF BREATHED IN, MOVE PERSON INTO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN.

IN CASE OF SKIN CONTACT IN CASE OF SKIN CONTACT: TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/ SHOWER. CONSULT A PHYSICIAN.

IN CASE OF EYE CONTACT AFTER EYE CONTACT: RINSE OUT WITH PLENTY OF WATER. REMOVE CONTACT LENSES.

IF SWALLOWED IF SWALLOWED: GIVE WATER TO DRINK (TWO GLASSES AT MOST). SEEK MEDICAL ADVICE IMMEDIATELY. IN EXCEPTIONAL CASES ONLY, IF MEDICAL CARE IS NOT AVAILABLE WITHIN ONE HOUR, INDUCE VOMITING (ONLY IN PERSONS WHO ARE WIDE AWAKE AND FULLY CONSCIOUS), ADMINISTER

ACTIVATED CHARCOAL (20 - 40 G IN A 10% SLURRY)
AND CONSULT A DOCTOR AS QUICKLY AS POSSIBLE.

**MOST IMPORTANT
SYMPTOMS AND
EFFECTS, BOTH ACUTE
AND DELAYED**

THE MOST IMPORTANT KNOWN SYMPTOMS AND
EFFECTS ARE DESCRIBED IN THE LABELLING (SEE
SECTION 2.2) AND/OR IN SECTION 11

**INDICATION OF ANY
IMMEDIATE MEDICAL
ATTENTION AND
SPECIAL TREATMENT
NEEDED**

NO DATA AVAILABLE

SECTION 5. FIRE AND EXPLOSION DATA

EXTINGUISHING MEDIA

**SUITABLE
EXTINGUISHING MEDIA**

SUITABLE EXTINGUISHING MEDIA
USE EXTINGUISHING MEASURES THAT ARE
APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE
SURROUNDING ENVIRONMENT.

UNSUITABLE EXTINGUISHING MEDIA
FOR THIS SUBSTANCE/MIXTURE NO LIMITATIONS OF
EXTINGUISHING AGENTS ARE GIVEN.

**SPECIAL HAZARDS
ARISING FROM THE
SUBSTANCE OR MIXTURE**

CARBON OXIDES
SULFUR OXIDES
SODIUM OXIDES
NOT COMBUSTIBLE.
AMBIENT FIRE MAY LIBERATE HAZARDOUS VAPOURS.

**ADVICE FOR
FIREFIGHTERS**

STAY IN DANGER AREA ONLY WITH SELF-CONTAINED
BREATHING APPARATUS. PREVENT SKIN CONTACT BY
KEEPING A SAFE DISTANCE OR BY WEARING
SUITABLE PROTECTIVE CLOTHING.

FURTHER INFORMATION

SUPPRESS (KNOCK DOWN) GASES/VAPORS/MISTS
WITH A WATER SPRAY JET. PREVENT FIRE
EXTINGUISHING WATER FROM CONTAMINATING
SURFACE WATER OR THE GROUND WATER SYSTEM.

SECTION 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL
PRECAUTIONS,**

ADVICE FOR NON-EMERGENCY PERSONNEL: AVOID
INHALATION OF DUSTS. AVOID SUBSTANCE CONTACT.

**PROTECTIVE
EQUIPMENT AND
EMERGENCY
PROCEDURES**

ENSURE ADEQUATE VENTILATION. EVACUATE THE DANGER AREA, OBSERVE EMERGENCY PROCEDURES, CONSULT AN EXPERT.
FOR PERSONAL PROTECTION SEE SECTION 8.

**ENVIRONMENTAL
PRECAUTIONS**

DO NOT LET PRODUCT ENTER DRAINS.

**METHODS AND
MATERIALS FOR
CONTAINMENT AND
CLEANING UP**

COVER DRAINS. COLLECT, BIND, AND PUMP OFF SPILLS. OBSERVE POSSIBLE MATERIAL RESTRICTIONS (SEE SECTIONS 7 AND 10). TAKE UP CAREFULLY. DISPOSE OF PROPERLY. CLEAN UP AFFECTED AREA. AVOID GENERATION OF DUSTS.

**REFERENCE TO OTHER
SECTIONS**

FOR DISPOSAL SEE SECTION 13.

SECTION 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE
HANDLING**

FOR PRECAUTIONS SEE SECTION 2.2.

**CONDITIONS FOR SAFE
STORAGE, INCLUDING
ANY INCOMPATIBILITIES**

NO METAL CONTAINERS.
TIGHTLY CLOSED. DRY. KEEP IN A WELL-VENTILATED PLACE. KEEP LOCKED UP OR IN AN AREA ACCESSIBLE ONLY TO QUALIFIED OR AUTHORIZED PERSONS.

Store at RT

STORE UNDER INERT GAS. HYGROSCOPIC STENCH.

SPECIFIC END USE(S)

APART FROM THE USES MENTIONED IN SECTION 1.2
NO OTHER SPECIFIC USES ARE STIPULATED

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS

| COMPONENT | CAS-NO. | VALUE | CONTROL PARAMETERS | BASIS |
|----------------------------------|----------|-------|-----------------------|--------------------------------------------------|
| Thioglycolic acid sodium salt | 367-51-1 | TWA | 1 PPM | USA. ACGIH THRESHOLD LIMIT VALUES (TLV) |

| | | |
|--|---------|--------------------------------------------------------|
| | REMARKS | DERMAL SENSITIZATION DANGER OF CUTANEOUS ABSORPTION |
|--|---------|--------------------------------------------------------|

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS

IMMEDIATELY CHANGE CONTAMINATED CLOTHING.
APPLY PREVENTIVE SKIN PROTECTION. WASH HANDS
AND FACE AFTER WORKING WITH SUBSTANCE.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION

USE EQUIPMENT FOR EYE PROTECTION TESTED AND
APPROVED UNDER APPROPRIATE GOVERNMENT
STANDARDS SUCH AS NIOSH (US) OR EN 166(EU).
SAFETY GLASSES

SKIN PROTECTION

THIS RECOMMENDATION APPLIES ONLY TO THE
PRODUCT STATED IN THE SAFETY DATA SHEET,
SUPPLIED BY US AND FOR THE DESIGNATED USE.
WHEN DISSOLVING IN OR MIXING WITH OTHER
SUBSTANCES AND UNDER CONDITIONS DEVIATING
FROM THOSE STATED IN EN 16523-1 PLEASE CONTACT
THE SUPPLIER OF CE-APPROVED GLOVES (E.G. KCL
GMBH).

FULL CONTACT

MATERIAL: NITRILE RUBBER
MINIMUM LAYER THICKNESS: 0.11 MM
BREAK THROUGH TIME: 480 MIN
MATERIAL TESTED:KCL 741 DERMATRIL L

THIS RECOMMENDATION APPLIES ONLY TO THE
PRODUCT STATED IN THE SAFETY DATA SHEET,
SUPPLIED BY US AND FOR THE DESIGNATED USE.
WHEN DISSOLVING IN OR MIXING WITH OTHER
SUBSTANCES AND UNDER CONDITIONS DEVIATING
FROM THOSE STATED IN EN 16523-1 PLEASE CONTACT
THE SUPPLIER OF CE-APPROVED GLOVES (E.G. KCL
GMBH).

SPLASH CONTACT

MATERIAL: NITRILE RUBBER
MINIMUM LAYER THICKNESS: 0.11 MM
BREAK THROUGH TIME: 480 MIN
MATERIAL TESTED:KCL 741 DERMATRIL L

BODY PROTECTION

COMPLETE SUIT PROTECTING AGAINST CHEMICALS,
THE TYPE OF PROTECTIVE EQUIPMENT MUST BE
SELECTED ACCORDING TO THE CONCENTRATION AND
AMOUNT OF THE DANGEROUS SUBSTANCE AT THE
SPECIFIC WORKPLACE.

**RESPIRATORY
PROTECTION**

RECOMMENDED FILTER TYPE: FILTER TYPE P3
THE ENTREPRENEUR HAS TO ENSURE THAT
MAINTENANCE, CLEANING AND TESTING OF
RESPIRATORY PROTECTIVE DEVICES ARE CARRIED OUT
ACCORDING TO THE INSTRUCTIONS OF THE
PRODUCER. THESE MEASURES HAVE TO BE PROPERLY
DOCUMENTED.

REQUIRED WHEN DUSTS ARE GENERATED.
OUR RECOMMENDATIONS ON FILTERING RESPIRATORY
PROTECTION ARE BASED ON THE FOLLOWING
STANDARDS: DIN EN 143, DIN 14387 AND OTHER
ACCOMPANYING STANDARDS RELATING TO THE USED
RESPIRATORY PROTECTION SYSTEM.

**CONTROL OF
ENVIRONMENTAL
EXPOSURE**

DO NOT LET PRODUCT ENTER DRAINS.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------------------|--------------------------------------------------------------|
| APPEARANCE | White to off-white powder |
| ODOUR | PUTRID |
| ODOUR THRESHOLD | NO DATA AVAILABLE |
| PH | 6.7 AT 100 G/L AT 20 °C |
| MELTING | 305 °C (Lit.) |
| POINT/FREEZING POINT | |
| INITIAL BOILING POINT | |
| AND BOILING RANGE | |
| FLASH POINT | |
| EVAPORATION RATE | NO DATA AVAILABLE |
| FLAMMABILITY (SOLID, GAS) | NO DATA AVAILABLE |
| UPPER/LOWER | NO DATA AVAILABLE |
| FLAMMABILITY OR | |
| EXPLOSIVE LIMITS | |
| VAPOUR PRESSURE | < 0.1 HPA AT 25 °C |
| VAPOUR DENSITY | NO DATA AVAILABLE |
| RELATIVE DENSITY | |
| WATER SOLUBILITY | CA. 609.1 G/L AT 20 °C |
| PARTITION COEFFICIENT: N- OCTANOL/WATER | LOG POW: -3.78 - (LIT.), BIOACCUMULATION IS NOT EXPECTED. |
| AUTO-IGNITION | NO DATA AVAILABLE |
| TEMPERATURE | |
| DECOMPOSITION | NO DATA AVAILABLE |
| TEMPERATURE | |
| VISCOSITY | NO DATA AVAILABLE |
| EXPLOSIVE PROPERTIES | NO DATA AVAILABLE |
| OXIDIZING PROPERTIES | NO DATA AVAILABLE |

**OTHER SAFETY
INFORMATION**

NO DATA AVAILABLE

SECTION 10. STABILITY AND REACTIVITY

| | |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| REACTIVITY | NO DATA AVAILABLE |
| CHEMICAL STABILITY | THE PRODUCT IS CHEMICALLY STABLE UNDER STANDARD AMBIENT CONDITIONS (ROOM TEMPERATURE). EXPOSURE TO MOISTURE. |
| POSSIBILITY OF HAZARDOUS REACTIONS | NO DATA AVAILABLE |
| CONDITIONS TO AVOID | EXPOSURE TO MOISTURE. |
| INCOMPATIBLE MATERIALS | METALS |
| HAZARDOUS DECOMPOSITION PRODUCTS | IN THE EVENT OF FIRE: SEE SECTION 5 |

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

| | |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACUTE TOXICITY | LD50 ORAL - RAT - MALE AND FEMALE - > 50 - 200 MG/KG (OECD TEST GUIDELINE 423) SYMPTOMS: NAUSEA, VOMITING LC50 INHALATION - RAT - MALE AND FEMALE - 4 H - > 2,729 MG/L - DUST/MIST (OECD TEST GUIDELINE 403) LD50 DERMAL - RAT - FEMALE - > 1,000 - 2,000 MG/KG (OECD TEST GUIDELINE 402) NO DATA AVAILABLE |
| SKIN CORROSION/IRRITATION | SKIN RABBIT RESULT: SLIGHT IRRITATION - 4 H (OECD TEST GUIDELINE 404) |

| | |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SERIOUS EYE DAMAGE/EYE IRRITATION | EYES RABBIT RESULT: SLIGHT IRRITATION (OECD TEST GUIDELINE 405) |
| RESPIRATORY OR SKIN SENSITISATION | LOCAL LYMPH NODE ASSAY (LLNA) MOUSE RESULT: POSITIVE (OECD TEST GUIDELINE 429) |
| GERM CELL MUTAGENICITY | TEST TYPE: AMES TEST TEST SYSTEM: SALMONELLA TYPHIMURIUM METABOLIC ACTIVATION: WITH AND WITHOUT METABOLIC ACTIVATION METHOD: OECD TEST GUIDELINE 471 RESULT: NEGATIVE TEST TYPE: IN VIVO MICRONUCLEUS TEST SPECIES: MOUSE CELL TYPE: BONE MARROW APPLICATION ROUTE: ORAL METHOD: OECD TEST GUIDELINE 474 RESULT: NEGATIVE |
| CARCINOGENICITY | |
| IARC: | NO INGREDIENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS PROBABLE, POSSIBLE OR CONFIRMED HUMAN CARCINOGEN BY IARC. |
| NTP: | NO INGREDIENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A KNOWN OR ANTICIPATED CARCINOGEN BY NTP. |
| OSHA: | NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS ON OSHA S LIST OF REGULATED CARCINOGENS. |
| REPRODUCTIVE TOXICITY | NO DATA AVAILABLE |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE | NO DATA AVAILABLE |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | NO DATA AVAILABLE |
| ASPIRATION HAZARD | NO DATA AVAILABLE |

**ADDITIONAL
INFORMATION**

RTECS: AI7700000

NAUSEA, HEADACHE, VOMITING

AFTER ABSORPTION: HEADACHE

OTHER DANGEROUS PROPERTIES CAN NOT BE
EXCLUDED.HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL
HYGIENE AND SAFETY PRACTICE.

SECTION 12. ECOLOGICAL INFORMATION

TOXICITY**TOXICITY TO FISH**FLOW-THROUGH TEST LC50 - ONCORHYNCHUS
MYKISS (RAINBOW TROUT) - > 100 MG/L - 96 H
(OECD TEST GUIDELINE 203)
REMARKS: THE VALUE IS GIVEN IN ANALOGY TO
THE FOLLOWING SUBSTANCES: 2-THIOGLYCOLIC
ACID**TOXICITY TO DAPHNIA AND
OTHER AQUATIC
INVERTEBRATES**STATIC TEST EC50 - DAPHNIA MAGNA (WATER FLEA) -
38 MG/L - 48 H
(OECD TEST GUIDELINE 202)
REMARKS: THE VALUE IS GIVEN IN ANALOGY TO
THE FOLLOWING SUBSTANCES: 2-THIOGLYCOLIC
ACID**TOXICITY TO ALGAE**ERC50 - DESMODESMUS SUBSPICATUS (GREEN
ALGAE) - > 100 MG/L - 72 H
(OECD TEST GUIDELINE 201)
REMARKS: THE VALUE IS GIVEN IN ANALOGY TO
THE FOLLOWING SUBSTANCES: DIAMMONIUM
DITHIODIGLYCOLATE**TOXICITY TO BACTERIA**STATIC TEST EC50 - ACTIVATED SLUDGE - 820 MG/L -
0.5 H
(OECD TEST GUIDELINE 209)
REMARKS: THE VALUE IS GIVEN IN ANALOGY TO
THE FOLLOWING SUBSTANCES: AMMONIUM
THIOGLYCOLATE**PERSISTENCE AND DEGRADABILITY****BIODEGRADABILITY**

RESULT: - READILY BIODEGRADABLE.

**BIOACCUMULATIVE
POTENTIAL**

NO DATA AVAILABLE

MOBILITY IN SOIL

NO DATA AVAILABLE

**RESULTS OF PBT AND
VPVB ASSESSMENT**

PBT/VPVB ASSESSMENT NOT AVAILABLE AS
CHEMICAL SAFETY ASSESSMENT NOT
REQUIRED/NOT CONDUCTED

OTHER ADVERSE EFFECTS

NO DATA AVAILABLE

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

PRODUCT

OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS
TO A LICENSED DISPOSAL COMPANY. CONTACT A
LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE
TO DISPOSE OF THIS MATERIAL.

**CONTAMINATED
PACKAGING**

DISPOSE OF AS UNUSED PRODUCT.

SECTION 14. TRANSPORT INFORMATION

DOT (US)

PROPER SHIPPING NAME: TOXIC SOLIDS, ORGANIC, N.O.S. (Thioglycolic acid
sodium salt)
UN NUMBER: 2811
CLASS: 6.1
PACKING GROUP: III
REPORTABLE QUANTITY
(RQ):
POISON INHALATION
HAZARD: NO

IMDG

PROPER SHIPPING NAME: TOXIC SOLIDS, ORGANIC, N.O.S. (Thioglycolic acid
sodium salt)
UN NUMBER: 2811
CLASS: 6.1
PACKING GROUP: III
EMS-NO: F-A, S-A

IATA

PROPER SHIPPING NAME: TOXIC SOLIDS, ORGANIC, N.O.S. (Thioglycolic acid
sodium salt)
UN NUMBER: 2811
CLASS: 6.1
PACKING GROUP: III

SECTION 15. REGULATORY INFORMATION

| | |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SARA 302 COMPONENTS | THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A SECTION 302 EHS TPQ. |
| SARA 313 COMPONENTS | THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DE MINIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313. |
| SARA 311/312 HAZARDS | ACUTE HEALTH HAZARD |
| MASSACHUSETTS RIGHT TO KNOW COMPONENTS | |
| NO COMPONENTS ARE SUBJECT TO THE MASSACHUSETTS RIGHT TO KNOW ACT. | |

SECTION 16. OTHER INFORMATION

FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.

| | |
|------|--------------------------------------|
| H290 | MAY BE CORROSIVE TO METALS. |
| H301 | TOXIC IF SWALLOWED. |
| H312 | HARMFUL IN CONTACT WITH SKIN. |
| H317 | MAY CAUSE AN ALLERGIC SKIN REACTION. |
| H402 | HARMFUL TO AQUATIC LIFE. |

MSDS LEGEND

| | |
|--------|--------------------------------------------------------------|
| MW: | MOLECULAR WEIGHT |
| MF: | MOLECULAR FORMULA |
| VOC: | VOLATILE ORGANIC COMPOUNDS |
| ACGIH: | AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS |
| CAS: | CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER |
| OSHA: | OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION |
| PEL: | PERMISSIBLE EXPOSURE LIMIT (OSHA) |
| TLV: | THRESHOLD LIMIT VALUE (ACGIH) |

IMPORTANT:

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