Chem-Impex International Inc.

Tel: (630) 766-2112 E-mail: <u>sales@chemimpex.com</u> Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 USA Fax: (630) 766-2218 Web site: <u>www.chemimpex.com</u> Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191 USA

SAFETY DATA SHEET

SECTION 1. CHEMICAL IDENTIFICATION

 CATALOG #:
 42945

 NAME:
 1-Vinylimidazole

 SYNONYMS:
 (800) 535-5053(USA)

 24 HOUR EMERGENCY TELEPHONE:
 (800) 535-300 (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) FLAMMABLE LIQUIDS (CATEGORY 4), H227 ACUTE TOXICITY, ORAL (CATEGORY 4), H302 SERIOUS EYE DAMAGE (CATEGORY 1), H318 REPRODUCTIVE TOXICITY (CATEGORY 1B), H360 FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

PICTOGRAM



SIGNAL WORD

HAZARD STATEMENT(S)

| H227 COMI | BUSTIBLE LIQUID. |
|-----------|---------------------------------------|
| H302 HARM | AFUL IF SWALLOWED. |
| H318 CAUS | SES SERIOUS EYE DAMAGE. |
| H360 MAY | DAMAGE FERTILITY OR THE UNBORN CHILD. |

PRECAUTIONARY STATEMENT(S)

| I KECAUTIONAKT STA | |
|----------------------|---|
| P201 | OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. |
| P202 | DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE |
| | BEEN READ AND UNDERSTOOD. |
| P210 | KEEP AWAY FROM HEAT. |
| P264 | WASH SKIN THOROUGHLY AFTER HANDLING. |
| P270 | DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. |
| P280 | WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE |
| | PROTECTION/ FACE PROTECTION. |
| P301 + P312 + P330 | IF SWALLOWED: CALL A POISON CENTER/DOCTOR IF YOU FEEL |
| | UNWELL. RINSE MOUTH. |
| P305 + P351 + P338 + | IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL |
| P310 | MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY |
| | TO DO. CONTINUE RINSING. IMMEDIATELY CALL A POISON |
| | CENTER/DOCTOR |
| P308 + P313 | IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ |
| | ATTENTION. |
| P370 + P378 | IN CASE OF FIRE: USE DRY SAND, DRY CHEMICAL OR |
| | ALCOHOL-RESISTANT FOAM TO EXTINGUISH. |
| P403 + P235 | STORE IN A WELL-VENTILATED PLACE. KEEP COOL. |
| P405 | STORE LOCKED UP. |
| P501 | DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED WASTE |
| | DISPOSAL PLANT. |
| | |
| HAZARDS NOT | NONE |
| OTHERWISE | |
| CLASSIEIED (IINOC) | |

OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MF:

CAS-NO. 1072-63-5

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

HAZARDOUS COMPONENTS

| COMPONENT | CLASSIFICATION | CONCENTRATION |
|------------------|--|---------------|
| 1-Vinylimidazole | | |
| | FLAM. LIQ. 4; ACUTE TOX. 4; EYE DAM. 1; REPR. 1B; H227, H302, H318, H360 | <= 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 | WASH OFF WITH SOAP AND PLENTY OF WATER. CONSULT A PHYSICIAN. |
| IN CASE OF EYE CONTACT | RINSE THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CONSULT A PHYSICIAN. |
| IF SWALLOWED | DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. RINSE MOUTH WITH WATER. CONSULT A PHYSICIAN. |
| 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 WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL OR CARBON DIOXIDE. |
|---|---|
| | UNSUITABLE EXTINGUISHING MEDIA DO NOT USE WATER JET. |
| SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE | CARBON OXIDES, NITROGEN OXIDES (NOX) COMBUSTIBLE. |
| ADVICE FOR FIREFIGHTERS | WEAR SELF-CONTAINED BREATHING APPARATUS FOR FIREFIGHTING IF NECESSARY. |
| FURTHER INFORMATION | USE WATER SPRAY TO COOL UNOPENED CONTAINERS. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES | USE PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING VAPOURS, MIST OR GAS. ENSURE ADEQUATE VENTILATION. REMOVE ALL SOURCES OF IGNITION. EVACUATE PERSONNEL TO SAFE AREAS. BEWARE OF VAPOURS ACCUMULATING TO FORM EXPLOSIVE CONCENTRATIONS. VAPOURS CAN ACCUMULATE IN LOW AREAS. FOR PERSONAL PROTECTION SEE SECTION 8. |
|---|---|
| ENVIRONMENTAL PRECAUTIONS | PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT LET PRODUCT ENTER DRAINS. |
| METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP | CONTAIN SPILLAGE, AND THEN COLLECT WITH NON- COMBUSTIBLE ABSORBENT MATERIAL, (E.G. SAND, EARTH, DIATOMACEOUS EARTH, VERMICULITE) AND PLACE IN CONTAINER FOR DISPOSAL ACCORDING TO LOCAL / NATIONAL REGULATIONS (SEE SECTION 13). KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL. |
| REFERENCE TO OTHER SECTIONS | FOR DISPOSAL SEE SECTION 13. |

SECTION 7. HANDLING AND STORAGE

| PRECAUTIONS FOR SAFE | AVOID CONTACT WITH SKIN AND EYES. AVOID |
|-----------------------|--|
| HANDLING | INHALATION OF VAPOUR OR MIST. |
| | KEEP AWAY FROM SOURCES OF IGNITION - NO |
| | SMOKING.TAKE MEASURES TO PREVENT THE BUILD UP OF |
| | ELECTROSTATIC CHARGE. |
| | FOR PRECAUTIONS SEE SECTION 2.2. |
| CONDITIONS FOR SAFE | KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL- |
| STORAGE, INCLUDING | VENTILATED PLACE. CONTAINERS WHICH ARE OPENED |
| ANY INCOMPATIBILITIES | MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO |
| | PREVENT LEAKAGE. |
| | HYGROSCOPIC LIGHT SENSITIVE. |
| | Store at RT |
| 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

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES.

EXPOSURE CONTROLS

| APPROPRIATE | HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL |
|-------------|--|
| ENGINEERING | HYGIENE AND SAFETY PRACTICE. WASH HANDS BEFORE |
| CONTROLS | BREAKS AND AT THE END OF WORKDAY. |

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION TIGHTLY FITTING SAFETY GOGGLES. FACESHIELD (8-INCH MINIMUM). USE EQUIPMENT FOR EYE PROTECTION TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR EN 166(EU).

| SKIN PROTECTION | HANDLE WITH GLOVES. GLOVES MUST BE INSPECTED PRIOR TO USE. USE PROPER GLOVE REMOVAL TECHNIQUE (WITHOUT TOUCHING GLOVE''S OUTER SURFACE) TO AVOID SKIN CONTACT WITH THIS PRODUCT. DISPOSE OF CONTAMINATED GLOVES AFTER USE IN ACCORDANCE WITH APPLICABLE LAWS AND GOOD LABORATORY PRACTICES. WASH AND DRY HANDS. FULL CONTACT MATERIAL: BUTYL-RUBBER MINIMUM LAYER THICKNESS: 0.3 MM BREAK THROUGH TIME: > 480 MIN MATERIAL TESTED:BUTOJECT (KCL 897, SIZE M) SPLASH CONTACT MATERIAL: NATURE LATEX/CHLOROPRENE MINIMUM LAYER THICKNESS: 0.6 MM BREAK THROUGH TIME: 93 MIN MATERIAL TESTED:LAPREN (KCL 706, SIZE M) IF USED IN SOLUTION, OR MIXED WITH OTHER SUBSTANCES, AND UNDER CONDITIONS WHICH DIFFER FROM EN 374, CONTACT THE SUPPLIER OF THE CE APPROVED GLOVES. THIS RECOMMENDATION IS ADVISORY ONLY AND MUST BE EVALUATED BY AN INDUSTRIAL HYGIENIST AND SAFETY OFFICER FAMILIAR WITH THE SPECIFIC SITUATION OF ANTICIPATED USE BY OUR CUSTOMERS, IT SHOULD NOT BE CONSTRUED AS OFFERING |
|---|--|
| | AN APPROVAL FOR ANY SPECIFIC USE SCENARIO. |
| 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 | WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE USE A FULLFACE PARTICLE RESPIRATOR TYPE N100 (US) OR TYPE P3 (EN 143) RESPIRATOR CARTRIDGES AS A BACKUP TO ENGINEERING CONTROLS. IF THE RESPIRATOR IS THE SOLE MEANS OF PROTECTION, USE A FULL-FACE SUPPLIED AIR RESPIRATOR. USE RESPIRATORS AND COMPONENTS TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR CEN (EU). |
| CONTROL OF ENVIRONMENTAL EXPOSURE | PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT LET PRODUCT ENTER DRAINS. |

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

| APPEARANCE | Colorless to slightly yellow clear liquid |
|------------------------|---|
| ODOUR | AMINE-LIKE |
| ODOUR THRESHOLD | NO DATA AVAILABLE |
| PH | 9 - 11 AT 20 C |
| MELTING | |
| POINT/FREEZING POINT | |
| INITIAL BOILING POINT | 80 °C/10 mmHg |
| AND BOILING RANGE | |
| FLASH POINT | 84 °C |
| EVAPOURATION RATE | NO DATA AVAILABLE |
| FLAMMABILITY (SOLID, | NO DATA AVAILABLE |
| GAS) | |
| UPPER/LOWER | NO DATA AVAILABLE |
| FLAMMABILITY OR | |
| EXPLOSIVE LIMITS | |
| VAPOUR PRESSURE | 0.38 HPA AT 20 C - OECD TEST GUIDELINE 104 |
| VAPOUR DENSITY | NO DATA AVAILABLE |
| RELATIVE DENSITY | 1.04 |
| WATER SOLUBILITY | COMPLETELY MISCIBLE |
| PARTITION COEFFICIENT: | LOG POW: 0.54 AT 25 C - OECD TEST GUIDELINE 107 - |
| N- OCTANOL/WATER | BIOACCUMULATION IS NOT EXPECTED. |
| AUTO-IGNITION | NO DATA AVAILABLE |
| TEMPERATURE | |
| DECOMPOSITION | 220 C, 2 K/MIN, 1,000 KJ/KG |
| TEMPERATURE | |
| VISCOSITY | 2.12 MM2/S AT 20 C - OECD TEST GUIDELINE 114 |
| | 1.44 MM2/S AT 40 C - OECD TEST GUIDELINE 114 |
| EXPLOSIVE PROPERTIES | NO DATA AVAILABLE |
| OXIDIZING PROPERTIES | NO DATA AVAILABLE |
| | |

OTHER SAFETY INFORMATION

DISSOCIATION CONSTANT 5.62 AT 20 C

SECTION 10. STABILITY AND REACTIVITY

| REACTIVITY | NO DATA AVAILABLE |
|---------------------------------------|---|
| CHEMICAL STABILITY | STABLE UNDER RECOMMENDED STORAGE CONDITIONS. |
| POSSIBILITY OF HAZARDOUS REACTIONS | NO DATA AVAILABLE |
| CONDITIONS TO AVOID | AVOID MOISTURE. HEAT LIGHT. HEAT, FLAMES AND SPARKS. |

INCOMPATIBLE MATERIALS NO DATA AVAILABLE

HAZARDOUSHAZARDOUS DECOMPOSITION PRODUCTS FORMED UNDERDECOMPOSITIONFIRE CONDITIONS. - CARBON OXIDES, NITROGEN OXIDESPRODUCTS(NOX)OTHER DECOMPOSITION PRODUCTS - NO DATA AVAILABLEIN THE EVENT OF FIRE: SEE SECTION 5

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY LD50 ORAL - RAT - 1,040 MG/KG (OECD TEST GUIDELINE 401)

INHALATION: NO DATA AVAILABLE

LD50 DERMAL - RAT - MALE AND FEMALE - > 2,000 MG/KG (OECD TEST GUIDELINE 402)

NO DATA AVAILABLE

SKINSKIN RABBITCORROSION/IRRITATIONRESULT: NO SKIN IRRITATION - 4 H
(OECD TEST GUIDELINE 404)

SERIOUS EYEEYES - IN VITRO STUDYDAMAGE/EYE IRRITATIONRESULT: CORROSIVE
(HEN"S EGG-MEMBRANE TEST FOR IRRITATION (HET-
CAM))
EYES RABBIT
RESULT: IRREVERSIBLE EFFECTS ON THE EYE
(OECD TEST GUIDELINE 405)

RESPIRATORY OR SKINLOCAL LYMPH NODE ASSAY (LLNA) MOUSE**SENSITISATION**RESULT: NEGATIVE
(OECD TEST GUIDELINE 429)

GERM CELL NO DATA AVAILABLE MUTAGENICITY

CARCINOGENICITY

| IARC: | NO COMPONENT 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 COMPONENT 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 | MAY DAMAGE THE UNBORN CHILD. |
| 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: NOT AVAILABLE |
| | MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, EYES, AND SKIN., COUGH, SHORTNESS OF BREATH, HEADACHE, NAUSEA |

SECTION 12. ECOLOGICAL INFORMATION

| TOXICITY | |
|----------|--|
|----------|--|

| TOXICITY TO FISH | STATIC TEST LC50 - LEUCISCUS IDUS (GOLDEN ORFE) - > |
|-------------------------|---|
| | 100 MG/L - 96 H |
| | (OECD TEST GUIDELINE 203) |
| TOXICITY TO DAPHNIA AND | STATIC TEST EC50 - DAPHNIA MAGNA (WATER FLEA) - > |
| OTHER AQUATIC | 100 MG/L - 48 H |
| INVERTEBRATES | (OECD TEST GUIDELINE 202) |
| TOXICITY TO ALGAE | STATIC TEST ERC50 - DESMODESMUS SUBSPICATUS |
| | (GREEN ALGAE) - > 100 MG/L - 72 H |
| | (OECD TEST GUIDELINE 201) |
| TOXICITY TO BACTERIA | STATIC TEST EC50 - PSEUDOMONAS PUTIDA - > 1,000 |
| | MG/L - 7 H |

PERSISTENCE AND DEGRADABILITY

| BIODEGRADABILITY | AEROBIC - EXPOSURE TIME 28 D RESULT: < 10 % - NOT INHERENTLY BIODEGRADABLE. (OECD TEST GUIDELINE 301B) |
|------------------------------|--|
| BIOACCUMULATIVE POTENTIAL | NO DATA AVAILABLE |
| MOBILITY IN SOIL | NO DATA AVAILABLE |

RESULTS OF PBT AND VPVBPBT/VPVB ASSESSMENT NOT AVAILABLE AS CHEMICAL**ASSESSMENT**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. THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. CONTACT A LICENSED PROFESSIONAL WASTE |
|--------------|---|
| | DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. |
| CONTAMINATED | DISPOSE OF AS UNUSED PRODUCT. |

PACKAGING

SECTION 14. TRANSPORT INFORMATION

| DOT (US) | |
|-----------------------|--|
| PROPER SHIPPING NAME: | CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (1- |
| | Vinylimidazole) |
| UN NUMBER: | 3267 |
| CLASS: | 8 |
| PACKING GROUP: | II |
| REPORTABLE QUANTITY | |
| (RQ): | |
| POISON INHALATION | NO |
| HAZARD: | |
| IMDG | |
| PROPER SHIPPING NAME: | CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (1- |
| | Vinylimidazole) |
| UN NUMBER: | 3267 |
| CLASS: | 8 |
| PACKING GROUP: | II |
| EMS-NO: | F-A, S-B |
| IATA | |
| PROPER SHIPPING NAME: | CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (1- |
| | Vinylimidazole) |
| UN NUMBER: | 3267 |
| CLASS: | 8 |
| | |

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 | FIRE HAZARD, ACUTE HEALTH HAZARD, CHRONIC 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. | |
|---|---|
| H227 | COMBUSTIBLE LIQUID. |
| H302 | HARMFUL IF SWALLOWED. |
| H318 | CAUSES SERIOUS EYE DAMAGE. |
| H360 | MAY DAMAGE FERTILITY OR THE UNBORN CHILD. |

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

IMPORTANT:

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