

# *Chem-Impex International Inc.*

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## SAFETY DATA SHEET

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### SECTION 1. CHEMICAL IDENTIFICATION

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|                                 |   |
|---------------------------------|---|
| CATALOG #:                      | 34101   |
| NAME:                           | Dillweed oil  |
| SYNONYMS:                       | Dillweed oil  |
| 24 HOUR EMERGENCY<br>TELEPHONE: | (800) 535-5053(USA)<br>352-323-3500 (INTERNATIONAL) |
| TO REQUEST AN MSDS:             | (800) 869-9290                                      |
| CUSTOMER<br>SERVICE:            | (630) 766-2112                                      |

### SECTION 2. HAZARDS IDENTIFICATION

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#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS)**  
FLAMMABLE LIQUIDS (CATEGORY 3), H226  
SKIN IRRITATION (CATEGORY 2), H315

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

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



SIGNAL WORD                      WARNING

**HAZARD STATEMENT(S)**

H226                                  FLAMMABLE LIQUID AND VAPOUR.  
H315                                  CAUSES SKIN IRRITATION.

**PRECAUTIONARY STATEMENT(S)**

P210                                  KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. NO SMOKING.  
P233                                  KEEP CONTAINER TIGHTLY CLOSED.  
P240                                  GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT.  
P241                                  USE EXPLOSION-PROOF ELECTRICAL/ VENTILATING/ LIGHTING EQUIPMENT.  
P242                                  USE ONLY NON-SPARKING TOOLS.  
P243                                  TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.  
P264                                  WASH SKIN THOROUGHLY AFTER HANDLING.  
P280                                  WEAR PROTECTIVE GLOVES/ EYE PROTECTION/ FACE PROTECTION.  
P303 + P361 + P353              IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.  
P332 + P313                        IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ ATTENTION.  
P362                                  TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.  
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.  
P501                                  DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT.

**HAZARDS NOT  
OTHERWISE  
CLASSIFIED (HNOC)  
OR NOT COVERED  
BY GHS**                                  NONE

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**SECTION 3.    COMPOSITION/INFORMATION ON INGREDIENTS**

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MF:

MW:

CAS-NO. 8006-75-5

PURITY: 30-32%

**HAZARDOUS COMPONENTS**

| COMPONENT           | CLASSIFICATION                             | CONCENTRATION |
|---------------------|--|---------------|
| <b>Dillweed oil</b> |  |               |
|                     | FLAM. LIQ. 3; SKIN IRRIT. 2;<br>H226, H315 | <= 100%       |

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

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**SECTION 4. FIRST-AID MEASURES**

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**DESCRIPTION OF FIRST AID MEASURES**

|   |   |
|---|---|
| <b>GENERAL ADVICE</b>   | CONSULT A PHYSICIAN. SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE. MOVE OUT OF DANGEROUS AREA.                   |
| <b>IF INHALED</b>   | IF BREATHED IN, MOVE PERSON INTO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN.             |
| <b>IN CASE OF SKIN CONTACT</b>  | WASH OFF WITH SOAP AND PLENTY OF WATER. CONSULT A PHYSICIAN.  |
| <b>IN CASE OF EYE CONTACT</b>   | FLUSH EYES WITH WATER AS A PRECAUTION.  |
| <b>IF SWALLOWED</b>   | DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. RINSE MOUTH WITH WATER. CONSULT A PHYSICIAN. |
| <b>MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED</b>                | THE MOST IMPORTANT KNOWN SYMPTOMS AND EFFECTS ARE DESCRIBED IN THE LABELLING (SEE SECTION 2.2) AND/OR IN SECTION 11         |
| <b>INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED</b> | NO DATA AVAILABLE   |

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**SECTION 5. FIRE AND EXPLOSION DATA**

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## **EXTINGUISHING MEDIA**

|  |   |
|--|---|
| <b>SUITABLE<br/>EXTINGUISHING MEDIA</b>                              | SUITABLE EXTINGUISHING MEDIA<br>DRY POWDER DRY SAND                       |
|  | UNSUITABLE EXTINGUISHING MEDIA<br>DO NOT USE WATER JET.                   |
| <b>SPECIAL HAZARDS<br/>ARISING FROM THE<br/>SUBSTANCE OR MIXTURE</b> | NATURE OF DECOMPOSITION PRODUCTS NOT<br>KNOWN.                            |
| <b>ADVICE FOR<br/>FIREFIGHTERS</b>                                   | WEAR SELF-CONTAINED BREATHING APPARATUS FOR<br>FIREFIGHTING IF NECESSARY. |
| <b>FURTHER INFORMATION</b>   | USE WATER SPRAY TO COOL UNOPENED CONTAINERS.                              |

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## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

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## **SECTION 7. HANDLING AND STORAGE**

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|  |   |
|--|---|
| <b>PRECAUTIONS FOR SAFE<br/>HANDLING</b> | AVOID CONTACT WITH SKIN AND EYES. AVOID<br>INHALATION OF VAPOUR OR MIST.<br>KEEP AWAY FROM SOURCES OF IGNITION - NO<br>SMOKING. TAKE MEASURES TO PREVENT THE BUILD<br>UP OF ELECTROSTATIC CHARGE. |
|--|---|

FOR PRECAUTIONS SEE SECTION 2.2.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES** KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE. CONTAINERS WHICH ARE OPENED MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE.

Store at RT

**SPECIFIC END USE(S)** APART FROM THE USES MENTIONED IN SECTION 1.2 NO OTHER SPECIFIC USES ARE STIPULATED.

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

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### **CONTROL PARAMETERS**

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

### **EXPOSURE CONTROLS**

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

### **PERSONAL PROTECTIVE EQUIPMENT**

**EYE/FACE PROTECTION** FACE SHIELD AND SAFETY GLASSES 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.

**BODY PROTECTION** IMPERVIOUS CLOTHING, FLAME RETARDANT ANTISTATIC PROTECTIVE CLOTHING. 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 RESPIRATOR WITH MULTI-PURPOSE COMBINATION (US) OR TYPE ABEK (EN 14387) 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**

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**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

|  |                             |
|--|-----------------------------|
| APPEARANCE                                   | Clear to pale yellow liquid |
| ODOUR  | NO DATA AVAILABLE           |
| ODOUR THRESHOLD                              | NO DATA AVAILABLE           |
| PH   | NO DATA AVAILABLE           |
| MELTING POINT/FREEZING POINT                 |                             |
| INITIAL BOILING POINT AND BOILING RANGE      |                             |
| FLASH POINT                                  | 49 °C                       |
| EVAPORATION RATE                             | NO DATA AVAILABLE           |
| FLAMMABILITY (SOLID, GAS)                    | NO DATA AVAILABLE           |
| UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS | NO DATA AVAILABLE           |
| VAPOUR PRESSURE                              | NO DATA AVAILABLE           |
| VAPOUR DENSITY                               | NO DATA AVAILABLE           |
| RELATIVE DENSITY                             |                             |
| WATER SOLUBILITY                             | NO DATA AVAILABLE           |
| PARTITION COEFFICIENT: N- OCTANOL/WATER      | NO DATA AVAILABLE           |
| AUTO-IGNITION TEMPERATURE                    | NO DATA AVAILABLE           |
| DECOMPOSITION TEMPERATURE                    | NO DATA AVAILABLE           |
| VISCOSITY                                    | NO DATA AVAILABLE           |
| EXPLOSIVE PROPERTIES                         | NO DATA AVAILABLE           |
| OXIDIZING PROPERTIES                         | NO DATA AVAILABLE           |

**OTHER SAFETY INFORMATION**

NO DATA AVAILABLE

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**SECTION 10. STABILITY AND REACTIVITY**

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|   |  |
|---|--|
| <b>REACTIVITY</b>                         | NO DATA AVAILABLE  |
| <b>CHEMICAL STABILITY</b>                 | STABLE UNDER RECOMMENDED STORAGE CONDITIONS.   |
| <b>POSSIBILITY OF HAZARDOUS REACTIONS</b> | NO DATA AVAILABLE  |
| <b>CONDITIONS TO AVOID</b>                | HEAT, FLAMES AND SPARKS.   |
| <b>INCOMPATIBLE MATERIALS</b>             | STRONG OXIDIZING AGENTS  |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b>   | HAZARDOUS DECOMPOSITION PRODUCTS FORMED UNDER FIRE CONDITIONS. - NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN. OTHER DECOMPOSITION PRODUCTS - NO DATA AVAILABLE<br>IN THE EVENT OF FIRE: SEE SECTION 5 |

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**SECTION 11. TOXICOLOGICAL INFORMATION**

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**INFORMATION ON TOXICOLOGICAL EFFECTS**

|  |  |
|--|--|
| <b>ACUTE TOXICITY</b>                    | LD50 ORAL - RAT - 4,040 MG/KG<br><br>INHALATION: NO DATA AVAILABLE<br><br>DERMAL: NO DATA AVAILABLE<br><br>LD50 SUBCUTANEOUS - MOUSE - 1,350 MG/KG |
| <b>SKIN CORROSION/IRRITATION</b>         | SKIN - RABBIT  |
| <b>SERIOUS EYE DAMAGE/EYE IRRITATION</b> | NO DATA AVAILABLE  |
| <b>RESPIRATORY OR SKIN SENSITISATION</b> | NO DATA AVAILABLE  |
| <b>GERM CELL MUTAGENICITY</b>            | NO DATA AVAILABLE  |
| <b>CARCINOGENICITY</b>                   |  |

|   |   |
|---|---|
| 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.                                |
| <b>REPRODUCTIVE TOXICITY</b>                              | NO DATA AVAILABLE   |
| <b>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE</b>   | NO DATA AVAILABLE   |
| <b>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE</b> | NO DATA AVAILABLE   |
| <b>ASPIRATION HAZARD</b>                                  | NO DATA AVAILABLE   |
| <b>ADDITIONAL INFORMATION</b>                             |   |
| RTECS: NOT AVAILABLE                                      |   |

DERMATITIS, TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

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## **SECTION 12. ECOLOGICAL INFORMATION**

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|   |  |
|---|--|
| <b>TOXICITY</b>                           | NO DATA AVAILABLE  |
| <b>PERSISTENCE AND DEGRADABILITY</b>      | NO DATA AVAILABLE  |
| <b>BIOACCUMULATIVE POTENTIAL</b>          | NO DATA AVAILABLE  |
| <b>MOBILITY IN SOIL</b>                   | NO DATA AVAILABLE  |
| <b>RESULTS OF PBT AND VPVB ASSESSMENT</b> | PBT/VPVB ASSESSMENT NOT AVAILABLE AS CHEMICAL SAFETY ASSESSMENT NOT REQUIRED/NOT CONDUCTED |
| <b>OTHER ADVERSE EFFECTS</b>              | NO DATA AVAILABLE  |



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**SECTION 13. DISPOSAL CONSIDERATIONS**

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**WASTE TREATMENT METHODS**

|                               |  |
|-------------------------------|--|
| <b>PRODUCT</b>                | OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS TO A LICENSED DISPOSAL COMPANY. BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER BUT EXERT EXTRA CARE IN IGNITING AS THIS MATERIAL IS HIGHLY FLAMMABLE. CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. |
| <b>CONTAMINATED PACKAGING</b> | DISPOSE OF AS UNUSED PRODUCT.  |

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**SECTION 14. TRANSPORT INFORMATION**

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|                           |  |
|---------------------------|--|
| <b>DOT (US)</b>           |  |
| PROPER SHIPPING NAME:     | COMBUSTIBLE LIQUID, N.O.S.(Dillweed oil) |
| NA-NUMBER:                | 1993                                     |
| CLASS:                    | NONE                                     |
| PACKING GROUP:            | III                                      |
| REPORTABLE QUANTITY (RQ): |  |
| POISON INHALATION HAZARD: | NO                                       |
| <b>IMDG</b>               | NOT DANGEROUS GOODS                      |
| <b>IATA</b>               | NOT DANGEROUS GOODS                      |

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**SECTION 15. REGULATORY INFORMATION**

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|                            |   |
|----------------------------|---|
| <b>SARA 302 COMPONENTS</b> | NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302.   |
| <b>SARA 313 COMPONENTS</b> | 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

**MASSACHUSETTS RIGHT TO KNOW COMPONENTS**

NO COMPONENTS ARE SUBJECT TO THE MASSACHUSETTS RIGHT TO KNOW ACT.

**PENNSYLVANIA RIGHT TO KNOW COMPONENTS**

|              | CAS-NO.   | REVISION DATE |
|--------------|-----------|---------------|
| Dillweed oil | 8006-75-5 |               |

**NEW JERSEY RIGHT TO KNOW COMPONENTS**

|              | CAS-NO.   | REVISION DATE |
|--------------|-----------|---------------|
| Dillweed oil | 8006-75-5 |               |

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**SECTION 16. OTHER INFORMATION**

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

|      |                              |
|------|------------------------------|
| H226 | FLAMMABLE LIQUID AND VAPOUR. |
| H315 | CAUSES SKIN IRRITATION.      |

**MSDS LEGEND**

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

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