

# *Chem-Impex International Inc.*

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

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

## SAFETY DATA SHEET

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### SECTION 1. CHEMICAL IDENTIFICATION

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|                                 |   |
|---------------------------------|---|
| CATALOG #:                      | 35625   |
| NAME:                           | Lead(II) chloride anhydrous                         |
| SYNONYMS:                       | Cotunnite   |
| 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)**  
ACUTE TOXICITY, ORAL (CATEGORY 4), H302  
ACUTE TOXICITY, INHALATION (CATEGORY 4), H332  
CARCINOGENICITY (CATEGORY 2), H351  
REPRODUCTIVE TOXICITY (CATEGORY 1A), H360

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE (CATEGORY 1),  
CENTRAL NERVOUS SYSTEM, KIDNEY, BLOOD, H372  
SHORT-TERM (ACUTE) AQUATIC HAZARD (CATEGORY 1), H400  
LONG-TERM (CHRONIC) AQUATIC HAZARD (CATEGORY 1), H410

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)**

H302 + H332 HARMFUL IF SWALLOWED OR IF INHALED  
H351 SUSPECTED OF CAUSING CANCER.  
H360 MAY DAMAGE FERTILITY OR THE UNBORN CHILD.  
H372 CAUSES DAMAGE TO ORGANS (CENTRAL NERVOUS  
SYSTEM, KIDNEY, BLOOD) THROUGH PROLONGED OR  
REPEATED EXPOSURE.  
H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING  
EFFECTS.

**PRECAUTIONARY STATEMENT(S)**

P201 OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.  
P202 DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE  
BEEN READ AND UNDERSTOOD.  
P260 DO NOT BREATHE DUST/ FUME/ GAS/ MIST/ VAPOURS/  
SPRAY.  
P264 WASH SKIN THOROUGHLY AFTER HANDLING.  
P270 DO NOT EAT, DRINK OR SMOKE WHEN USING THIS  
PRODUCT.  
P271 USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.  
P273 AVOID RELEASE TO THE ENVIRONMENT.  
P280 WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE  
PROTECTION/ FACE PROTECTION.  
P301 + P312 + P330 IF SWALLOWED: CALL A POISON CENTER OR DOCTOR/  
PHYSICIAN IF YOU FEEL UNWELL. RINSE MOUTH.  
P304 + P340 + P312 IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP  
COMFORTABLE FOR BREATHING. CALL A POISON CENTER  
OR DOCTOR/ PHYSICIAN IF YOU FEEL UNWELL.  
P308 + P313 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/  
ATTENTION.  
P391 COLLECT SPILLAGE.  
P405 STORE LOCKED UP.  
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:  $\text{PbCl}_2$   
MW: 278.11  
CAS-NO. 7758-95-4  
PURITY:  $\geq 99.99\%$  Trace metal basis (Assay,  $\text{PbCl}_2$  :  $\geq 99.88\%$ )

**HAZARDOUS COMPONENTS**

| COMPONENT                          | CLASSIFICATION   | CONCENTRATION |
|------------------------------------|--|---------------|
| <b>Lead(II) chloride anhydrous</b> |  |               |
|                                    | ACUTE TOX. 4; CARC. 2; REPR. 1A; STOT RE 1; AQUATIC ACUTE 1; AQUATIC CHRONIC 1; H302, H332, H351, H360, H372, H400, H410<br>M-FACTOR - AQUATIC ACUTE: 10 | $\leq 100\%$  |

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**

**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. TAKE VICTIM IMMEDIATELY TO HOSPITAL. CONSULT A PHYSICIAN.

**IN CASE OF EYE CONTACT** FLUSH EYES WITH WATER AS A PRECAUTION.

**IF SWALLOWED** 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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|  |  |
|--|--|
| <b>EXTINGUISHING MEDIA</b>                                   |  |
| <b>SUITABLE EXTINGUISHING MEDIA</b>                          | USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL OR CARBON DIOXIDE. |
| <b>SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b> | HYDROGEN CHLORIDE GAS, LEAD OXIDES                                       |
| <b>ADVICE FOR FIREFIGHTERS</b>                               | WEAR SELF-CONTAINED BREATHING APPARATUS FOR FIREFIGHTING IF NECESSARY.   |
| <b>FURTHER INFORMATION</b>                                   | NO DATA AVAILABLE  |

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

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|  |   |
|--|---|
| <b>PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES</b> | USE PERSONAL PROTECTIVE EQUIPMENT. AVOID DUST FORMATION. AVOID BREATHING VAPOURS, MIST OR GAS. ENSURE ADEQUATE VENTILATION. EVACUATE PERSONNEL TO SAFE AREAS. AVOID BREATHING DUST.<br><br>FOR PERSONAL PROTECTION SEE SECTION 8. |
| <b>ENVIRONMENTAL PRECAUTIONS</b>   | PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT LET PRODUCT ENTER DRAINS. DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.  |
| <b>METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP</b>               | PICK UP AND ARRANGE DISPOSAL WITHOUT CREATING DUST. SWEEP UP AND SHOVEL. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.  |

**REFERENCE TO OTHER SECTIONS** FOR DISPOSAL SEE SECTION 13.

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## SECTION 7. HANDLING AND STORAGE

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**PRECAUTIONS FOR SAFE HANDLING** AVOID CONTACT WITH SKIN AND EYES. AVOID FORMATION OF DUST AND AEROSOLS. FURTHER PROCESSING OF SOLID MATERIALS MAY RESULT IN THE FORMATION OF COMBUSTIBLE DUSTS. THE POTENTIAL FOR COMBUSTIBLE DUST FORMATION SHOULD BE TAKEN INTO CONSIDERATION BEFORE ADDITIONAL PROCESSING OCCURS. PROVIDE APPROPRIATE EXHAUST VENTILATION AT PLACES WHERE DUST IS FORMED. FOR PRECAUTIONS SEE SECTION 2.2.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES** KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE. KEEP IN A DRY PLACE.

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

| COMPONENT                   | CAS-NO.   | VALUE  | CONTROL PARAMETERS | BASIS   |
|-----------------------------|-----------|--|--------------------|---|
| Lead(II) chloride anhydrous | 7758-95-4 | TWA  | 0.05 MG/M3         | USA. ACGIH THRESHOLD LIMIT VALUES (TLV)           |
|                             | REMARKS   | CENTRAL NERVOUS SYSTEM IMPAIRMENT<br>HEMATOLOGIC EFFECTS<br>PERIPHERAL NERVOUS SYSTEM IMPAIRMENT<br>SUBSTANCES FOR WHICH THERE IS A BIOLOGICAL EXPOSURE INDEX OR INDICES (SEE BEI SECTION)<br>CONFIRMED ANIMAL CARCINOGEN WITH UNKNOWN RELEVANCE TO HUMANS<br>VARIES |                    |   |
|                             |           | PEL  | 0.05 MG/M3         | OSHA SPECIFICALLY REGULATED CHEMICALS/CARCINOGENS |

|  |  |  |            |  |
|--|--|--|------------|--|
|  |  | 1910.1025<br>IF AN EMPLOYEE IS EXPOSED TO LEAD FOR MORE THAN 8 HOURS IN ANY WORK DAY, THE PERMISSIBLE EXPOSURE LIMIT, AS A TIME WEIGHTED AVERAGE (TWA) FOR THAT DAY, SHALL BE REDUCED ACCORDING TO THE FOLLOWING FORMULA:<br>MAXIMUM PERMISSIBLE LIMIT (IN G/M3 )=400 HOURS WORKED IN THE DAY THIS SECTION APPLIES TO ALL OCCUPATIONAL EXPOSURE TO LEAD, EXCEPT AS PROVIDED IN PARAGRAPH (A)(2). IT DOES NOT APPLY TO THE CONSTRUCTION INDUSTRY OR TO AGRICULTURAL OPERATIONS COVERED BY 29 CFR PART 1928.<br>OSHA SPECIFICALLY REGULATED CARCINOGEN |            |  |
|  |  | TWA  | 0.05 MG/M3 | USA. NIOSH RECOMMENDED EXPOSURE LIMITS                           |
|  |  | SEE APPENDIX C   |            |  |
|  |  | PEL  | 0.05 MG/M3 | CALIFORNIA PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS |
|  |  | SEE SECTION 5198   |            |  |

**BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS**

| COMPONENT                   | CAS-NO.   | PARAMETERS   | VALUE   | BIOLOGICAL SPECIMEN | BASIS                                     |
|-----------------------------|-----------|--------------|---------|---------------------|---|
| Lead(II) chloride anhydrous | 7758-95-4 | LEAD         | 200 G/L | IN BLOOD            | ACGIH - BIOLOGICAL EXPOSURE INDICES (BEI) |
|                             | REMARKS   | NOT CRITICAL |         |                     |   |

**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.

FULL CONTACT  
MATERIAL: NITRILE RUBBER  
MINIMUM LAYER THICKNESS: 0.11 MM  
BREAK THROUGH TIME: 480 MIN  
MATERIAL TESTED:DERMATRIL (KCL 740, SIZE M)

SPLASH CONTACT  
MATERIAL: NITRILE RUBBER  
MINIMUM LAYER THICKNESS: 0.11 MM  
BREAK THROUGH TIME: 480 MIN  
MATERIAL TESTED:DERMATRIL (KCL 740, 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 FULL-FACE 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. DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.

**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

|  |  |
|--|--|
| APPEARANCE                                   | White to off-white powder                      |
| ODOUR  | ODOURLESS                                      |
| ODOUR THRESHOLD                              | NO DATA AVAILABLE                              |
| PH   | NO DATA AVAILABLE                              |
| MELTING POINT/FREEZING POINT                 |  |
| INITIAL BOILING POINT AND BOILING RANGE      |  |
| FLASH POINT                                  |  |
| EVAPORATION RATE                             | NO DATA AVAILABLE                              |
| FLAMMABILITY (SOLID, GAS)                    | NO DATA AVAILABLE                              |
| UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS | NO DATA AVAILABLE                              |
| VAPOUR PRESSURE                              | 1 HPA AT 547 C                                 |
| VAPOUR DENSITY                               | NO DATA AVAILABLE                              |
| RELATIVE DENSITY                             | 5.85   |
| WATER SOLUBILITY                             | 10,000 G/L AT 19.9 C - OECD TEST GUIDELINE 105 |
| 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                              |
| <b>OTHER SAFETY INFORMATION</b>              | 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>                | NO DATA AVAILABLE                            |
| <b>INCOMPATIBLE MATERIALS</b>             | STRONG OXIDIZING AGENTS, STRONG ACIDS        |



**HAZARDOUS  
DECOMPOSITION  
PRODUCTS**

HAZARDOUS DECOMPOSITION PRODUCTS FORMED  
UNDER FIRE CONDITIONS. - HYDROGEN CHLORIDE  
GAS, LEAD OXIDES  
OTHER DECOMPOSITION PRODUCTS - NO DATA  
AVAILABLE  
IN THE EVENT OF FIRE: SEE SECTION 5

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**SECTION 11. TOXICOLOGICAL INFORMATION**

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**INFORMATION ON TOXICOLOGICAL EFFECTS**

**ACUTE TOXICITY**

LD50 ORAL - RAT - > 1,947 MG/KG

INHALATION: NO DATA AVAILABLE

DERMAL: NO DATA AVAILABLE

NO DATA AVAILABLE

**SKIN  
CORROSION/IRRITATION**

SKIN - RECONSTRUCTED HUMAN EPIDERMIS (RHE)  
RESULT: NO SKIN IRRITATION  
(EPISKIN HUMAN SKIN MODEL TEST)

**SERIOUS EYE  
DAMAGE/EYE IRRITATION**

NO DATA AVAILABLE

**RESPIRATORY OR SKIN  
SENSITISATION**

NO DATA AVAILABLE

**GERM CELL  
MUTAGENICITY**

NO DATA AVAILABLE

**CARCINOGENICITY**

IARC:

2A - GROUP 2A: PROBABLY CARCINOGENIC TO  
HUMANS

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**

NO DATA AVAILABLE

**SPECIFIC TARGET ORGAN  
TOXICITY - SINGLE  
EXPOSURE**

NO DATA AVAILABLE

|   |   |
|---|---|
| <b>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE</b> | CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE. - CENTRAL NERVOUS SYSTEM, KIDNEY, BLOOD   |
| <b>ASPIRATION HAZARD</b>                                  | NO DATA AVAILABLE   |
| <b>ADDITIONAL INFORMATION</b>                             | <p>RTECS: OF9450000</p> <p>LEAD SALTS HAVE BEEN REPORTED TO CROSS THE PLACENTA AND TO INDUCE EMBRYO- AND FETOMORTALITY. THEY ALSO HAVE TERATOGENIC EFFECT IN SOME ANIMAL SPECIES. NO TERATOGENIC EFFECTS HAVE BEEN REPORTED WITH EXPOSURE TO ORGANOMETALLIC LEAD COMPOUNDS. ADVERSE EFFECTS OF LEAD ON HUMAN REPRODUCTION, EMBRYONIC AND FETAL DEVELOPMENT, AND POSTNATAL (E.G., MENTAL) DEVELOPMENT HAVE BEEN REPORTED. EXCESSIVE EXPOSURE CAN AFFECT BLOOD, NERVOUS, AND DIGESTIVE SYSTEMS. THE SYNTHESIS OF HEMOGLOBIN IS INHIBITED AND RESULTS IN ANEMIA. IF LEFT UNTREATED, NEUROMUSCULAR DYSFUNCTION, POSSIBLE PARALYSIS, AND ENCEPHALOPATHY CAN RESULT. ADDITIONAL SYMPTOMS OF OVEREXPOSURE INCLUDE: JOINT AND MUSCLE PAIN, WEAKNESS OF THE EXTENSOR MUSCLES (FREQUENTLY THE HAND AND WRIST), HEADACHE, DIZZINESS, ABDOMINAL PAIN, DIARRHEA, CONSTIPATION, NAUSEA, VOMITING, BLUE LINE ON THE GUMS, INSOMNIA, AND METALLIC TASTE. HIGH BODY LEVELS PRODUCE INCREASED CEREBROSPINAL PRESSURE, BRAIN DAMAGE, AND STUPOR LEADING TO COMA AND OFTEN DEATH. TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.</p> <p>STOMACH - IRREGULARITIES - BASED ON HUMAN EVIDENCE</p> |

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**SECTION 12. ECOLOGICAL INFORMATION**

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|   |  |
|---|--|
| <b>TOXICITY</b>                                     |  |
| TOXICITY TO FISH                                    | LC50 - PIMEPHALES PROMELAS (FATHEAD MINNOW) - 0.81 MG/L - 96 H |
| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES | EC50 - DAPHNIA MAGNA (WATER FLEA) - 0.45 MG/L - 48 H           |
| TOXICITY TO ALGAE                                   | EC50 - SKELETONEMA COSTATUM - 0.019 MG/L - 72 H                |

|   |   |
|---|---|
| <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>              | AN ENVIRONMENTAL HAZARD CANNOT BE EXCLUDED IN THE EVENT OF UNPROFESSIONAL HANDLING OR DISPOSAL. VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. |

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### **SECTION 13. DISPOSAL CONSIDERATIONS**

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#### **WASTE TREATMENT METHODS**

|                               |  |
|-------------------------------|--|
| <b>PRODUCT</b>                | CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS TO A LICENSED DISPOSAL COMPANY. |
| <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:     | LEAD COMPOUND, SOLUBLE, N.O.S.(LEAD CHLORIDE) |
| UN NUMBER:                | 2291  |
| CLASS:                    | 6.1   |
| PACKING GROUP:            | III   |
| REPORTABLE QUANTITY (RQ): | 10 LBS  |
| POISON INHALATION HAZARD: | NO  |

#### **IMDG**

PROPER SHIPPING NAME: LEAD COMPOUND, SOLUBLE, N.O.S.(LEAD CHLORIDE)  
UN NUMBER: 2291  
CLASS: 6.1  
PACKING GROUP: III  
EMS-NO: F-A, S-A  
MARINE POLLUTANT: YES

**IATA**

PROPER SHIPPING NAME: LEAD COMPOUND, SOLUBLE, N.O.S.(LEAD CHLORIDE)  
UN NUMBER: 2291  
CLASS: 6.1  
PACKING GROUP: III

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**SECTION 15. REGULATORY INFORMATION**

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**SARA 302 COMPONENTS** NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302.

**SARA 313 COMPONENTS** THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DEMINIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313.

**SARA 311/312 HAZARDS** ACUTE HEALTH HAZARD, CHRONIC 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 |
|-----------------------------|-----------|---------------|
| Lead(II) chloride anhydrous | 7758-95-4 | 08-02-2010    |

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**SECTION 16. OTHER INFORMATION**

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

H302 + H332 HARMFUL IF SWALLOWED OR IF INHALED  
H351 SUSPECTED OF CAUSING CANCER.  
H360 MAY DAMAGE FERTILITY OR THE UNBORN CHILD.  
H372 CAUSES DAMAGE TO ORGANS (CENTRAL NERVOUS SYSTEM, KIDNEY, BLOOD) THROUGH PROLONGED OR REPEATED EXPOSURE.  
H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

MSDS LEGEND

MW: MOLECULAR WEIGHT  
MF: MOLECULAR FORMULA  
VOC: VOLATILE ORGANIC COMPOUNDS  
ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL  
HYGINISTS  
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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VERSION:3.1

REVISION DATE: 01/27/2017