

# *Chem-Impex International Inc.*

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## SAFETY DATA SHEET

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### SECTION 1. CHEMICAL IDENTIFICATION

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|                                 |   |
|---------------------------------|---|
| CATALOG #:                      | 40853   |
| NAME:                           | Lead(II) phthalocyanine                             |
| SYNONYMS:                       | Phthalocyanine lead(II)                             |
| 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 1B), H350

REPRODUCTIVE TOXICITY (CATEGORY 1A), H360  
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE (CATEGORY 2), H373  
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  
H350 MAY CAUSE CANCER.  
H360 MAY DAMAGE FERTILITY OR THE UNBORN CHILD.  
H373 MAY CAUSE DAMAGE TO ORGANS 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: C<sub>32</sub>H<sub>16</sub>N<sub>8</sub>Pb  
MW: 719.74  
CAS-NO. 15187-16-3  
PURITY: ≥ 95% (Assay by titration)

**HAZARDOUS COMPONENTS**

| COMPONENT                      | CLASSIFICATION  | CONCENTRATION |
|--------------------------------|---|---------------|
| <b>Lead(II) phthalocyanine</b> |   |               |
|                                | ACUTE TOX. 4; CARC. 1B;<br>REPR. 1A; STOT RE 2;<br>AQUATIC ACUTE 1; AQUATIC<br>CHRONIC 1; H302, H332, H350,<br>H360, H373, H400, H410<br>CONCENTRATION LIMITS: >=<br>2.5 %: REPR. 2, H361F; >= 0.5 %:<br>STOT RE 2, H373; M-FACTOR -<br>AQUATIC ACUTE: 10 M-<br>FACTOR - AQUATIC CHRONIC:<br>10 | <= 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. CONSULT A PHYSICIAN.

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

|   |   |
|---|---|
| <b>IF SWALLOWED</b>   | 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 EXTINGUISHING MEDIA</b> | USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL OR CARBON DIOXIDE. |
|-------------------------------------|--|

|  |   |
|--|---|
| <b>SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b> | CARBON OXIDES, NITROGEN OXIDES (NOX), 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. 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</b> | PICK UP AND ARRANGE DISPOSAL WITHOUT CREATING DUST. SWEEP UP AND SHOVEL. KEEP IN |
|----------------------------------|--|

**CONTAINMENT AND  
CLEANING UP**

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) phthalocyanine | 15187-16-3 | TWA            | 0.05 MG/M3         | USA. ACGIH THRESHOLD LIMIT VALUES (TLV) |
|                         | REMARKS    | SEE APPENDIX C |                    |   |

**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**

SAFETY GLASSES WITH SIDE-SHIELDS CONFORMING TO EN166 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 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. DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

|  |   |
|--|---|
| APPEARANCE                                   | Dark red, dark purple or dark blue crystalline powder |
| 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                                  |   |
| 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                                     |
| <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   |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b>   | HAZARDOUS DECOMPOSITION PRODUCTS FORMED UNDER FIRE CONDITIONS. - CARBON OXIDES, NITROGEN OXIDES (NOX), LEAD OXIDES<br>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>                    | NO DATA AVAILABLE  |
|  | INHALATION: NO DATA AVAILABLE  |
|  | DERMAL: NO DATA AVAILABLE  |
|  | NO DATA AVAILABLE  |
| <b>SKIN CORROSION/IRRITATION</b>         | NO DATA AVAILABLE  |
| <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 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.  |
| <b>REPRODUCTIVE TOXICITY</b>                              | MAY DAMAGE THE UNBORN CHILD. POSITIVE EVIDENCE FROM HUMAN EPIDEMIOLOGICAL STUDIES.  |
| <b>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE</b>   | NO DATA AVAILABLE   |
| <b>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE</b> | MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.  |
| <b>ASPIRATION HAZARD</b>                                  | NO DATA AVAILABLE   |
| <b>ADDITIONAL INFORMATION</b>                             | RTECS: NOT AVAILABLE<br>ANEMIA<br><br>TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.<br><br>STOMACH - IRREGULARITIES - BASED ON HUMAN EVIDENCE |

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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>              | AN ENVIRONMENTAL HAZARD CANNOT BE EXCLUDED IN THE EVENT OF UNPROFESSIONAL HANDLING OR DISPOSAL.<br>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>                | OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS TO A LICENSED DISPOSAL COMPANY. 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. |
| <b>CONTAMINATED PACKAGING</b> | DISPOSE OF AS UNUSED PRODUCT.  |

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**SECTION 14. TRANSPORT INFORMATION**

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**DOT (US)**

|                           |   |
|---------------------------|---|
| PROPER SHIPPING NAME:     | LEAD COMPOUNDS, SOLUBLE, N.O.S. (Lead(II) phthalocyanine) |
| UN NUMBER:                | 2291  |
| CLASS:                    | 6.1   |
| PACKING GROUP:            | III   |
| REPORTABLE QUANTITY (RQ): |   |
| POISON INHALATION HAZARD: | NO  |

**IMDG**

|                       |  |
|-----------------------|--|
| PROPER SHIPPING NAME: | LEAD COMPOUND, SOLUBLE, N.O.S. (Lead(II) phthalocyanine) |
| 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(II) phthalocyanine) |
| UN NUMBER:            | 2291   |
| CLASS:                | 6.1  |
| PACKING GROUP:        | III  |

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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. |               |
| <b>SARA 311/312 HAZARDS</b>                                       | ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD  |               |
| <b>MASSACHUSETTS RIGHT TO KNOW COMPONENTS</b>                     |   |               |
| NO COMPONENTS ARE SUBJECT TO THE MASSACHUSETTS RIGHT TO KNOW ACT. |   |               |
| <b>PENNSYLVANIA RIGHT TO KNOW COMPONENTS</b>                      |   |               |
|   | CAS-NO.   | REVISION DATE |
| Lead(II) phthalocyanine   | 15187-16-3  | 07/08/2015    |

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**SECTION 16. OTHER INFORMATION**

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|  |  |
|--|--|
| <b>FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.</b> |  |
| H302 + H332  | HARMFUL IF SWALLOWED OR IF INHALED                                 |
| H350   | MAY CAUSE CANCER.  |
| H360   | MAY DAMAGE FERTILITY OR THE UNBORN CHILD.                          |
| H373   | MAY CAUSE DAMAGE TO ORGANS 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 SERIVE REGISTRY NUMBER                |
| OSHA:      | OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION            |
| PEL:       | PERMISSIBLE EXPOSURE LIMIT (OSHA)                        |
| TLV:       | THRESHOLD LIMIT VALUE (ACGIH)                            |
| IMPORTANT: |  |

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