

# SAFETY DATA SHEET

# PETTIT



Revision Date 05-Nov-2015  
Version 1

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** Pettit XL Vivid 1361 Green  
**Product code** 1136105

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Paint  
**Restrictions on use** Read label instructions and SDS

### 1.3 Details of the supplier of the safety data sheet

**Supplier** Kop-Coat, Inc. / Pettit Marine Paint  
Marine Group  
36 Pine Street  
Rockaway, NJ 07866  
1-800-221-4466

### 1.4 Emergency telephone number

**Emergency telephone number** Chemtrec: +1 703-527-3887 ex-USA  
Chemtrec: 1-800-424-9300 USA

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

|   |             |
|---|-------------|
| Acute toxicity - Oral                     | Category 4  |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4  |
| Serious eye damage/eye irritation         | Category 2  |
| Carcinogenicity                           | Category 2  |
| Reproductive toxicity                     | Category 1B |
| Flammable liquids                         | Category 3  |

### 2.2 Label elements

**Signal Word**

Danger

**Hazard Statements**

Harmful if swallowed

Harmful if inhaled

Causes serious eye irritation

Suspected of causing cancer

May damage fertility or the unborn child

Flammable liquid and vapor

**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/Bond container and receiving equipment

Use explosion-proof electrical/ventilating/lighting/equipment

Use only non-sparking tools

Take precautionary measures against static discharge

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

IF INHALED: Remove person to fresh air and keep comfortable for breathing

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

Rinse mouth

In case of fire: Use CO2, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**2.3. Other Hazards Hazards not otherwise classified (HNOC)**

Not Applicable

**2.4 Other information**

Not Applicable

**Unknown Acute Toxicity**

1.6829985% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/Information on Ingredients

**Substance**

Not applicable

**Mixture**

| Chemical Name                               | CAS-No     | Weight % |
|---|------------|----------|
| Zinc oxide                                  | 1314-13-2  | 20 - 30  |
| Cuprous Thiocyanate                         | 1111-67-7  | 20 - 30  |
| HEAVY AROMATIC NAPHTHA                      | 64742-94-5 | 5 - 10   |
| Titanium dioxide                            | 13463-67-7 | 5 - 10   |
| Solvent naphtha (petroleum), light aromatic | 64742-95-6 | 1 - 5    |
| Zinc pyrithione                             | 13463-41-7 | 1 - 5    |
| 1,2,4-Trimethylbenzene                      | 95-63-6    | 1 - 5    |
| C.I. Pigment Green 36                       | 14302-13-7 | 1 - 5    |
| Dibutyl Phthalate                           | 84-74-2    | 1 - 5    |
| ALIPHATIC NAPHTHA                           | 64742-89-8 | 1 - 5    |
| Xylene                                      | 1330-20-7  | 1 - 5    |
| CUMENE                                      | 98-82-8    | < 1      |
| Ethylbenzene                                | 100-41-4   | < 1      |

The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First aid measures

### 4.1 Description of first-aid measures

|                       |  |
|-----------------------|--|
| <b>General advice</b> | For further assistance, contact your local Poison Control Center.  |
| <b>Eye contact</b>    | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Call a poison control center or doctor for treatment advice. |
| <b>Skin contact</b>   | Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Call a poison control center or doctor for treatment advice.   |
| <b>Inhalation</b>     | Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a poison control center or doctor for treatment advice.  |
| <b>Ingestion</b>      | Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately. If a person vomits when lying on his back, place him in the recovery position.   |

### 4.2 Most important symptoms and effects, both acute and delayed

**Symptoms** See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to physician** There is no specific antidote for effects from overexposure to this material. Treat symptomatically.

## 5. Fire-Fighting Measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray or fog. Water may be used to cool and prevent the rupture of containers that are exposed to the heat from a fire.

**Unsuitable Extinguishing Media** Water may be unsuitable for extinguishing fires.

### 5.2 Special hazards arising from the substance or mixture

#### Special Hazard

Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) Vapors may travel to areas away from work site before igniting/flashing back to vapor source Thermal decomposition can lead to release of irritating gases and vapors

**Hazardous Combustion Products** Possible formation of carbon oxides, nitrogen oxides, and hazardous organic compounds.

#### **Explosion Data**

**Sensitivity to Mechanical Impact** Not sensitive.

**Sensitivity to Static Discharge** Yes.

#### **5.3 Advice for firefighters**

Evacuate personnel to safe areas. Move non-burning material, as feasible, to a safe location as soon as possible. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers with flooding quantities of water until well after fire is out. Thoroughly decontaminate all protective equipment after use. DO NOT extinguish a fire resulting from the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

## **6. Accidental Release Measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do it without risk. Refer to protective measures listed in sections 7 and 8. Avoid exceeding of the given occupational exposure limits (see section 8). Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill.

### **6.2 Environmental precautions**

Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological information.

### **6.3 Methods and materials for containment and cleaning up**

#### **Methods for Containment**

Dike far ahead of liquid spill for later disposal. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so.

#### **Methods for cleaning up**

Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Ground and bond containers when transferring material. Take precautionary measures against static discharges.

## **7. Handling and storage**

### **7.1 Precautions for safe handling**

#### **Advice on safe handling**

Ensure adequate ventilation. Ground and bond containers when transferring material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Do not eat, drink or smoke when using this product. Use according to package label instructions. Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. No smoking.

#### **Hygiene measures**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Storage Conditions**

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, hot

surfaces, sparks, open flames and other ignition sources. No smoking. Keep in properly labeled containers. Keep away from food, drink and animal feedings. Store in accordance with local regulations.

**Materials to Avoid** No materials to be especially mentioned.

## 8. Exposure controls/personal protection

### 8.1 Exposure Guidelines

| Chemical Name                       | ACGIH TLV  | OSHA PEL   | British Columbia   | Alberta  | Quebec   | Ontario TWAEV  |
|-------------------------------------|--|--|--|--|--|--|
| Zinc oxide<br>1314-13-2             | STEL: 10 mg/m <sup>3</sup><br>respirable fraction<br>TWA: 2 mg/m <sup>3</sup><br>respirable fraction | TWA: 5 mg/m <sup>3</sup><br>fume<br>TWA: 15 mg/m <sup>3</sup><br>total dust<br>TWA: 5 mg/m <sup>3</sup><br>respirable fraction | TWA: 2 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup>     | TWA: 2 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup>                                     | TWA: 10 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup>        | TWA: 2 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup> |
| Cuprous Thiocyanate<br>1111-67-7    | TWA: 1 mg/m <sup>3</sup> Cu<br>dust and mist   | -  |  |  |  |  |
| Titanium dioxide<br>13463-67-7      | TWA: 10 mg/m <sup>3</sup>  | TWA: 15 mg/m <sup>3</sup><br>total dust  | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup>      | TWA: 10 mg/m <sup>3</sup>  | TWA: 10 mg/m <sup>3</sup>  | TWA: 10 mg/m <sup>3</sup>                              |
| C.I. Pigment Green 36<br>14302-13-7 | TWA: 1 mg/m <sup>3</sup> Cu<br>dust and mist   | -  |  |  |  |  |
| Dibutyl Phthalate<br>84-74-2        | TWA: 5 mg/m <sup>3</sup>   | TWA: 5 mg/m <sup>3</sup>   | TWA: 5 mg/m <sup>3</sup><br>Adverse<br>reproductive effect | TWA: 5 mg/m <sup>3</sup>   | TWA: 5 mg/m <sup>3</sup>   | TWA: 5 mg/m <sup>3</sup>                               |
| Xylene<br>1330-20-7                 | STEL: 150 ppm<br>TWA: 100 ppm  | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup>   | TWA: 100 ppm<br>STEL: 150 ppm                              | TWA: 100 ppm<br>TWA: 434 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 651 mg/m <sup>3</sup> | TWA: 100 ppm<br>TWA: 434 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 651 mg/m <sup>3</sup> | TWA: 100 ppm<br>STEL: 150 ppm                          |
| CUMENE<br>98-82-8                   | TWA: 50 ppm  | TWA: 50 ppm<br>TWA: 245 mg/m <sup>3</sup><br>S*  | TWA: 25 ppm<br>STEL: 75 ppm                                | TWA: 50 ppm<br>TWA: 246 mg/m <sup>3</sup>  | TWA: 50 ppm<br>TWA: 246 mg/m <sup>3</sup>  | TWA: 50 ppm  |
| Ethylbenzene<br>100-41-4            | TWA: 20 ppm  | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup>   | TWA: 20 ppm  | TWA: 100 ppm<br>TWA: 434 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 543 mg/m <sup>3</sup> | TWA: 100 ppm<br>TWA: 434 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 543 mg/m <sup>3</sup> | TWA: 20 ppm  |

### 8.2 Appropriate engineering controls

**Engineering Measures** Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

### 8.3 Individual protection measures, such as personal protective equipment

|                                 |  |
|---------------------------------|--|
| <b>Eye/Face Protection</b>      | Safety glasses with side-shields. If splashes are likely to occur, wear:.. Tightly fitting safety goggles. Face-shield.  |
| <b>Skin and body protection</b> | Solvent-resistant gloves. Nitrile rubber. Neoprene gloves. Impervious butyl rubber gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove and wash contaminated clothing before re-use. Long sleeved clothing. Protective shoes or boots. |
| <b>Respiratory protection</b>   | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.   |
| <b>Hygiene measures</b>         | See section 7 for more information   |

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                   |
| <b>Appearance</b>     | No information available |
| <b>Color</b>          | Green                    |
| <b>Odor</b>           | Hydrocarbon-like         |
| <b>Odor Threshold</b> | No information available |

| <u>Property</u>                     | <u>Values</u>           | <u>Remarks • Methods</u> |
|-------------------------------------|-------------------------|--------------------------|
| <b>pH</b>                           |                         | No information available |
| <b>Melting/freezing point</b>       |                         | No information available |
| <b>Boiling point/boiling range</b>  |                         | No information available |
| <b>Flash Point</b>                  | 43 °C / 109 °F          |                          |
| <b>Evaporation rate</b>             |                         | No information available |
| <b>Flammability (solid, gas)</b>    |                         | No information available |
| <b>Flammability Limits in Air</b>   |                         |                          |
| upper flammability limit            |                         | No information available |
| lower flammability limit            |                         | No information available |
| <b>Vapor pressure</b>               |                         | No information available |
| <b>Vapor density</b>                |                         | No information available |
| <b>Specific Gravity</b>             |                         | No information available |
| <b>Water solubility</b>             |                         | No information available |
| <b>Solubility in other solvents</b> |                         | No information available |
| <b>Partition coefficient</b>        |                         | No information available |
| <b>Autoignition temperature</b>     |                         | No information available |
| <b>Decomposition temperature</b>    |                         | No information available |
| <b>Viscosity, kinematic</b>         | > 22 mm <sup>2</sup> /s |                          |
| <b>Viscosity, dynamic</b>           |                         | No information available |
| <b>Explosive properties</b>         |                         | No information available |
| <b>Oxidizing Properties</b>         |                         | No information available |

### 9.2 Other information

|   |              |
|---|--------------|
| <b>Volatile organic compounds (VOC) content</b> | 312 g/L      |
| <b>Density</b>                                  | 16.75 lb/gal |

## 10. Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to Avoid

Keep away from heat, sparks and flames.

### 10.5 Incompatible Materials

No materials to be especially mentioned.

### 10.6 Hazardous Decomposition Products

None under normal use conditions. Thermal decomposition can lead to release of irritating gases and vapors.

## 11. Toxicological information

### 11.1 Acute toxicity

#### Numerical measures of toxicity: Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**Unknown Acute Toxicity** 1.6829985% of the mixture consists of ingredient(s) of unknown toxicity

|                         |                |
|-------------------------|----------------|
| <b>Oral LD50</b>        | 1,492.00 mg/kg |
| <b>Dermal LD50</b>      | 4,121.00 mg/kg |
| <b>LC50 (Dust/Mist)</b> | 4.30 mg/l      |
| <b>LC50 (Vapor)</b>     | 532.00 mg/l    |

#### Numerical measures of toxicity: Component Information

| Chemical Name   | LD50 Oral           | LD50 Dermal              | LC50 Inhalation                     |
|---|---------------------|--------------------------|-------------------------------------|
| Zinc oxide<br>1314-13-2                                   | 5000 mg/kg ( Rat )  | -                        | -                                   |
| HEAVY AROMATIC NAPHTHA<br>64742-94-5                      | 5000 mg/kg ( Rat )  | > 2 mL/kg ( Rabbit )     | > 590 mg/m <sup>3</sup> ( Rat ) 4 h |
| Titanium dioxide<br>13463-67-7                            | 10000 mg/kg ( Rat ) | -                        | -                                   |
| Solvent naphtha (petroleum), light aromatic<br>64742-95-6 | -                   | > 2000 mg/kg ( Rabbit )  | = 3400 ppm ( Rat ) 4 h              |
| Zinc pyrithione<br>13463-41-7                             | 269 mg/kg (rat)     | > 2000 mg/kg (rabbit)    | = 1.03 mg/L (Rat) 4 h               |
| 1,2,4-Trimethylbenzene<br>95-63-6                         | 3280 mg/kg ( Rat )  | > 3160 mg/kg ( Rabbit )  | = 18 g/m <sup>3</sup> ( Rat ) 4 h   |
| Dibutyl Phthalate<br>84-74-2                              | 6300 mg/kg ( Rat )  | > 20 mL/kg ( Rabbit )    | > 15.68 mg/L ( Rat ) 4 h            |
| ALIPHATIC NAPHTHA<br>64742-89-8                           | -                   | = 3000 mg/kg ( Rabbit )  | -                                   |
| Xylene<br>1330-20-7                                       | 3500 mg/kg ( Rat )  | > 4350 mg/kg ( Rabbit )  | = 29.08 mg/L ( Rat ) 4 h            |
| CUMENE<br>98-82-8   | 1400 mg/kg ( Rat )  | = 12300 µL/kg ( Rabbit ) | 8700 ppm (Rat) 4-h                  |
| Ethylbenzene<br>100-41-4                                  | 3500 mg/kg ( Rat )  | = 15400 mg/kg ( Rabbit ) | = 17.2 mg/L ( Rat ) 4 h             |

### 11.2 Information on toxicological effects

#### Skin corrosion/irritation

##### Product Information

- No information available

##### Component Information

- No information available

#### Eye damage/irritation

##### Product Information

- No information available

##### Component Information

- No information available

#### Respiratory or skin sensitization

##### Product Information

- No information available

##### Component Information

- No information available

**Germ cell mutagenicity**Product Information

- No information available

Component Information

- No information available

**Carcinogenicity**Product Information

- The table below indicates whether each agency has listed any ingredient as a carcinogen

Component Information

- Contains a known or suspected carcinogen

| Chemical Name                  | ACGIH | IARC     | NTP                    | OSHA |
|--------------------------------|-------|----------|------------------------|------|
| Titanium dioxide<br>13463-67-7 | -     | Group 2B | -                      |      |
| CUMENE<br>98-82-8              | -     | Group 2B | Reasonably Anticipated |      |
| Ethylbenzene<br>100-41-4       | -     | Group 2B | -                      |      |

**Reproductive toxicity**Product Information

- No information available

Component Information

- No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

- No information available

**Other adverse effects**Product Information

- No information available

Component Information

- No information available

**Aspiration hazard**Product Information

- No information available

Component Information

- No information available

## 12. Ecological information

**12.1 Toxicity****Ecotoxicity**

No information available

4.51359 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects**

| Chemical Name                        | Toxicity to algae | Toxicity to fish   | Toxicity to daphnia and other aquatic invertebrates |
|--------------------------------------|-------------------|--|---|
| HEAVY AROMATIC NAPHTHA<br>64742-94-5 | -                 | LC50: 96 h Pimephales promelas<br>19 mg/L static LC50: 96 h<br>Oncorhynchus mykiss 2.34 mg/L<br>LC50: 96 h Lepomis macrochirus<br>1740 mg/L static LC50: 96 h<br>Pimephales promelas 45 mg/L | EC50: 48 h Daphnia magna 0.95<br>mg/L               |



|   |   |   |   |
|---|---|---|---|
|   |   | flow-through LC50: 96 h<br>Pimephales promelas 41 mg/L  |   |
| Solvent naphtha (petroleum), light aromatic<br>64742-95-6 | -   | LC50: 96 h Oncorhynchus mykiss<br>9.22 mg/L   | EC50: 48 h Daphnia magna 6.14<br>mg/L   |
| 1,2,4-Trimethylbenzene<br>95-63-6                         | -   | LC50: 96 h Pimephales promelas<br>7.19 - 8.28 mg/L flow-through   | EC50: 48 h Daphnia magna 6.14<br>mg/L   |
| Dibutyl Phthalate<br>84-74-2                              | EC50: 72 h Desmodesmus<br>subspicatus 1.2 mg/L EC50: 96 h<br>Pseudokirchneriella subcapitata 0.4<br>mg/L static   | LC50: 96 h Pimephales promelas<br>0.71 - 1.2 mg/L flow-through LC50:<br>96 h Pimephales promelas 0.31 -<br>5.45 mg/L static LC50: 96 h<br>Oncorhynchus mykiss 1.24 mg/L<br>flow-through LC50: 96 h<br>Oncorhynchus mykiss 1.24 - 5.3<br>mg/L static LC50: 96 h Lepomis<br>macrochirus 1.38 - 1.74 mg/L<br>flow-through LC50: 96 h Lepomis<br>macrochirus 0.42 - 1.28 mg/L static  | EC50: 48 h Daphnia magna 2.99<br>mg/L Static EC50: 48 h Daphnia<br>magna 3.4 mg/L       |
| ALIPHATIC NAPHTHA<br>64742-89-8                           | EC50: 72 h Pseudokirchneriella<br>subcapitata 4700 mg/L   | -   | -   |
| Xylene<br>1330-20-7                                       | -   | LC50: 96 h Pimephales promelas<br>23.53 - 29.97 mg/L static LC50: 96<br>h Cyprinus carpio 780 mg/L<br>semi-static LC50: 96 h Cyprinus<br>carpio 780 mg/L LC50: 96 h Poecilia<br>reticulata 30.26 - 40.75 mg/L static<br>LC50: 96 h Pimephales promelas<br>13.4 mg/L flow-through LC50: 96 h<br>Oncorhynchus mykiss 2.661 - 4.093<br>mg/L static LC50: 96 h<br>Oncorhynchus mykiss 13.5 - 17.3<br>mg/L LC50: 96 h Lepomis<br>macrochirus 13.1 - 16.5 mg/L<br>flow-through LC50: 96 h Lepomis<br>macrochirus 19 mg/L LC50: 96 h<br>Lepomis macrochirus 7.711 - 9.591<br>mg/L static | EC50: 48 h water flea 3.82 mg/L<br>LC50: 48 h Gammarus lacustris 0.6<br>mg/L            |
| CUMENE<br>98-82-8   | EC50: 72 h Pseudokirchneriella<br>subcapitata 2.6 mg/L  | LC50: 96 h Pimephales promelas<br>6.04 - 6.61 mg/L flow-through LC50:<br>96 h Oncorhynchus mykiss 4.8<br>mg/L flow-through LC50: 96 h<br>Oncorhynchus mykiss 2.7 mg/L<br>semi-static LC50: 96 h Poecilia<br>reticulata 5.1 mg/L semi-static   | EC50: 48 h Daphnia magna 0.6<br>mg/L EC50: 48 h Daphnia magna<br>7.9 - 14.1 mg/L Static |
| Ethylbenzene<br>100-41-4                                  | EC50: 72 h Pseudokirchneriella<br>subcapitata 4.6 mg/L EC50: 96 h<br>Pseudokirchneriella subcapitata 438<br>mg/L EC50: 72 h<br>Pseudokirchneriella subcapitata 2.6<br>- 11.3 mg/L static EC50: 96 h<br>Pseudokirchneriella subcapitata 1.7<br>- 7.6 mg/L static | LC50: 96 h Oncorhynchus mykiss<br>11.0 - 18.0 mg/L static LC50: 96 h<br>Oncorhynchus mykiss 4.2 mg/L<br>semi-static LC50: 96 h Pimephales<br>promelas 7.55 - 11 mg/L<br>flow-through LC50: 96 h Lepomis<br>macrochirus 32 mg/L static LC50:<br>96 h Pimephales promelas 9.1 -<br>15.6 mg/L static LC50: 96 h Poecilia<br>reticulata 9.6 mg/L static   | EC50: 48 h Daphnia magna 1.8 -<br>2.4 mg/L  |

## 12.2 Persistence and degradability

No information available.

## 12.3 Bioaccumulative potential

Discharge into the environment must be avoided

| Chemical Name                        | log Pow |
|--------------------------------------|---------|
| HEAVY AROMATIC NAPHTHA<br>64742-94-5 | 6.1     |
| 1,2,4-Trimethylbenzene<br>95-63-6    | 3.63    |
| Dibutyl Phthalate<br>84-74-2         | 5.38    |

|                          |       |
|--------------------------|-------|
| Xylene<br>1330-20-7      | 3.15  |
| CUMENE<br>98-82-8        | 3.55  |
| Ethylbenzene<br>100-41-4 | 3.118 |

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

No information available

**13. Disposal Considerations****13.1 Waste treatment methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. Transport Information**

|                             |  |
|-----------------------------|--|
| <b>Note</b>                 | DOT Ground - "Non-bulk shipments may be non-regulated per 49CFR 173.150(f)(2)" |
| <b>DOT</b>                  | Not regulated (If shipped in NON BULK packaging by ground transport)           |
| <b>MEX</b>                  | no data available  |
| <b>IMDG</b>                 |  |
| <b>Proper shipping name</b> | UN1263, Paint, 3, III  |
| <b>IATA</b>                 |  |
| <b>Proper shipping name</b> | UN1263, Paint, 3, III  |

**15. Regulatory information****15.1 International Inventories**

|                      |          |
|----------------------|----------|
| <b>TSCA</b>          | Complies |
| <b>DSL</b>           | -        |
| <b>EINECS/ELINCS</b> | -        |
| <b>ENCS</b>          | -        |
| <b>IECSC</b>         | -        |
| <b>KECL</b>          | -        |
| <b>PICCS</b>         | -        |
| <b>AICS</b>          | -        |
| <b>NZIoC</b>         | -        |

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL** - Canadian Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances**NZIoC** - New Zealand Inventory of Chemicals**15.2 U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name                       | SARA 313 - Threshold Values % |
|-------------------------------------|-------------------------------|
| Zinc oxide<br>1314-13-2             | 1.0                           |
| Cuprous Thiocyanate<br>1111-67-7    | 1.0                           |
| Zinc pyrithione<br>13463-41-7       | 1.0                           |
| 1,2,4-Trimethylbenzene<br>95-63-6   | 1.0                           |
| C.I. Pigment Green 36<br>14302-13-7 | 1.0                           |
| Dibutyl Phthalate<br>84-74-2        | 1.0                           |
| Xylene<br>1330-20-7                 | 1.0                           |
| Ethylbenzene<br>100-41-4            | 0.1                           |

**15.3 Pesticide Information**

**U.S. EPA Pesticide Information**

**EPA Pesticide Registration Number** 60061-116

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**EPA Pesticide Label**

DANGER. Corrosive. Causes skin burns and moderate eye irritation. Harmful if inhaled or swallowed.

**15.4 U.S. State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Chemical Name                     | California Prop. 65   |
|-----------------------------------|---|
| Titanium dioxide - 13463-67-7     | Carcinogen  |
| Dibutyl Phthalate - 84-74-2       | Developmental<br>Female Reproductive<br>Male Reproductive               |
| CUMENE - 98-82-8                  | Carcinogen  |
| N-METHYL-2-PYRROLIDONE - 872-50-4 | Developmental   |
| Ethylbenzene - 100-41-4           | Carcinogen  |
| Lead - 7439-92-1                  | Carcinogen<br>Developmental<br>Female Reproductive<br>Male Reproductive |
| NAPHTHALENE - 91-20-3             | Carcinogen  |
| Cadmium - 7440-43-9               | Carcinogen<br>Developmental<br>Male Reproductive                        |
| Toluene - 108-88-3                | Developmental<br>Female Reproductive                                    |
| Benzene - 71-43-2                 | Carcinogen<br>Developmental<br>Male Reproductive                        |

**16. Other information**

|             |                         |                       |                          |  |
|-------------|-------------------------|-----------------------|--------------------------|--|
| <b>NFPA</b> | <b>Health Hazard</b> 3  | <b>Flammability</b> 2 | <b>Instability</b> 0     | <b>Physical and chemical hazards</b> - |
| <b>HMIS</b> | <b>Health Hazard</b> 3* | <b>Flammability</b> 2 | <b>Physical Hazard</b> 0 | <b>Personal protection</b> X           |

**Legend:**

ACGIH (American Conference of Governmental Industrial Hygienists)

Ceiling (C)

DOT (Department of Transportation)

EPA (Environmental Protection Agency)

IARC (International Agency for Research on Cancer)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (National Institute for Occupational Safety and Health)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

PEL (Permissible Exposure Limit)

Reportable Quantity (RQ)

Skin designation (S\*)

STEL (Short Term Exposure Limit)

TLV® (Threshold Limit Value)

TWA (time-weighted average)

**Revision Date** 05-Nov-2015

**Revision Note**

No information available

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**