SECTION 1: Identification of the substance/mixture and of the company/undertaking

 1.1. Product identifier

 Product Name:
 STARFIRE TC-W3 PREMIUM 2-CYCLE ENGINE OIL

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

Recommended use:Two Cycle Engine OilRecommendedNot applicablerestrictions:Image: Commended

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

| Manufacturer:      | Coolants Plus, Inc. |
|--------------------|---------------------|
|                    | 2570 Van Hook Ave.  |
|                    | Hamilton, OH. 45015 |
| Information Phone: | +01 888-258-8723    |
|                    |                     |

**1.4. Emergency telephone number Emergency phone number:** CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

### **SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture
Germ Cell Mutagenicity Category 1B
Carcinogenicity Category 1A
Hazardous to the aquatic environment - Acute Category 1
Hazardous to the aquatic environment - Chronic Category 1
Skin Corrosion/Irritation Category 2
Reproductive Toxicity Category 2
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2
Acute Toxicity - Inhalation Vapor Category 3
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3
Acute Toxicity - Inhalation Dust / Mist Category 4

2.2. Label elements GHS Hazard Symbols



Signal Word Hazard Statements Danger

- H315 Causes skin irritation.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H340 May cause genetic defects.
- H350 May cause cancer.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

### **Precautionary Statements**

| Prevention         | 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/vapors/sprav   |
|                    | P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  |
|                    | P264 - Wash exposed areas thoroughly after handling   |
|                    | P271 - Use only outdoors or in a well-ventilated area   |
|                    | P273 - Avoid release to the environment   |
|                    | P280 - Wear protective gloves/protective clothing/eve protection/face protection.             |
|                    | P281 - Use personal protective equipment as required.   |
| Response           | P302+P352 - IF ON SKIN: Wash with plenty of soap and water.                                   |
| 1                  | P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable |
|                    | for breathing.  |
|                    | P308+P313 - IF exposed or concerned: Get medical advice/attention.                            |
|                    | P312 - Call a POISON CENTER or doctor/physician if you feel unwell.                           |
|                    | P314 - Get medical advice/attention if you feel unwell.                                       |
|                    | P321 - Specific treatment (see section 4).  |
|                    | P332+P313 - If skin irritation occurs: Get medical advice/attention.                          |
|                    | P362 - Take off contaminated clothing and wash before reuse.                                  |
|                    | P391 - Collect spillage.  |
| Storage            | P403+P233 - Store in a well-ventilated place. Keep container tightly closed.                  |
|                    | P405 - Store locked up.   |
| Disposal           | P501- Dispose of contents/container in accordance with local/regional/national/international  |
|                    | regulations.  |
|                    |   |
| 2.3. Other hazards |   |

| 2.3. Other hazarus    |                    |
|-----------------------|--------------------|
| Hazards not otherwise | No data available. |
| classified:           |                    |

Unknown acute toxicity (GHS-US)

| SECTION 3: Composition/information on ingredients         |         |            |                         |
|---|---------|------------|-------------------------|
| Chemical Name   | %       | CAS #      | GHS Classification      |
| Distillates, petroleum, straight-run middle               | 10 - 30 | 64741-44-2 | Aquatic Chronic 2; H411 |
|   |         |            | Asp. Tox. 1; H304       |
|   |         |            | Acute Tox. 4; H332      |
|   |         |            | Acute Tox. 2; H330      |
|   |         |            | Carc. 2; H351           |
|   |         |            | Flam. Liq. 3; H226      |
|   |         |            | STOT RE 2; H373         |
|   |         |            | STOT SE 3; H335, H336   |
| Kerosene  | 10 - 30 | 8008-20-6  | Aquatic Chronic 2; H411 |
|   |         |            | Asp. Tox. 1; H304       |
|   |         |            | Flam. L1q. 3; H226      |
|   |         |            | Skin Irrit. 2; H315     |
| Distillator actual come backer de culturine d'actual de   | 10 20   | (1712 80.0 | S101 SE 3; H335, H336   |
| Distillates, petroleum, nydrodesullurized middle          | 10 - 30 | 64/42-80-9 | Aquatic Unronic 2; H411 |
|   |         |            | Asp. 10X. 1, H504       |
|   |         |            | $Carc = 14 \cdot H350$  |
|   |         |            | Skin Irrit 2: H315      |
|   |         |            | STOT RF 2: H373         |
| Distillates, petroleum, hydrodesulfurized light catalytic | 10 - 30 | 68333-25-5 | Aquatic Acute 1: H400   |
| cracked   | 10 00   | 00000 20 0 | Aquatic Chronic 1: H410 |
|   |         |            | Asp. Tox. 1; H304       |
|   |         |            | Acute Tox. 4; H332      |
|   |         |            | Carc. 1A; H350          |
|   |         |            | Skin Irrit. 2; H315     |
|   |         |            | STOT RE 2; H373         |
|   |         |            |                         |

| SECTION 3: Composition/information on ingredients |         |            |  |
|---|---------|------------|--|
| Residual oils, petroleum, solvent-refined         | 10 - 30 | 64742-01-4 | Acute Tox. 4; H332                     |
|   |         |            | Acute Tox. 3; H331                     |
| Kerosine, petroleum, hydrodesulfurized            | 7 - 13  | 64742-81-0 | Aquatic Chronic 2; H411                |
|   |         |            | Asp. Tox. 1; H304                      |
|   |         |            | Flam. Liq. 3; H226                     |
|   |         |            | Skin Irrit. 2; H315                    |
|   |         |            | STOT SE 3; H335, H336                  |
| Light hydrocracked distillate                     | 3 - 7   | 64741-77-1 | Aquatic Chronic 2; H411                |
|   |         |            | Asp. Tox. 1; H304                      |
|   |         |            | Acute Tox. 4; H332                     |
|   |         |            | Carc. 2; H351                          |
|   |         |            | Skin Irrit. 2; H315                    |
|   |         |            | STOT RE 2; H373                        |
| Petroleum distillates, hydrotreated middle        | 1 - 5   | 64742-46-7 | Acute Tox. 4; H332                     |
| NT 1/1 1  | 0.1 1   | 01.00.2    | Acute Tox. 3; H331                     |
| Naphthalene                                       | 0.1 - 1 | 91-20-3    | Aquatic Acute 1; H400                  |
|   |         |            | Aquatic Unronic 1; H410                |
|   |         |            | Acute 10X. 4; H502                     |
|   |         |            | Elam Sol 1: H228                       |
| Toluene   | 01-1    | 108-88-3   | $\Delta_{sp}$ Toy 1: H304              |
| Tolucite  | 0.1 - 1 | 100-00-5   | Acute Tox. 4: $H302$                   |
|   |         |            | Acute Tox. 4; H332                     |
|   |         |            | Flam Lig. 1: H224                      |
|   |         |            | Repr. 2: H361                          |
|   |         |            | Skin Irrit. 2: H315                    |
|   |         |            | STOT RE 2; H373                        |
|   |         |            | STOT SE 3; H335, H336                  |
| Ethylbenzene                                      | 0.1 - 1 | 100-41-4   | Aquatic Chronic 3; H412                |
| -   |         |            | Asp. Tox. 1; H304                      |
|   |         |            | Acute Tox. 4; H332                     |
|   |         |            | Acute Tox. 4; H332                     |
|   |         |            | Carc. 1A; H350                         |
|   |         |            | Flam. Liq. 2; H225                     |
|   |         |            | Muta. 1B; H340                         |
|   |         |            | STOT RE 2; H373                        |
| Benzene   | 0.1 - 1 | 71-43-2    | Asp. Tox. 1; H304                      |
|   |         |            | Acute Tox. 4; H332                     |
|   |         |            | Acute Tox. 4; H302                     |
|   |         |            | Carc. 1A; H350                         |
|   |         |            | Eye Imit. 2; H519<br>Elem Lig. 2: H225 |
|   |         |            | Гань. Е.ц. 2, 6223<br>Мита 1В: НЗ40    |
|   |         |            | Skin Irrit 2. H315                     |
|   |         |            | STOT RF 1. H372                        |
|   |         |            | 51011011,11572                         |

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

| <b>SECTION 4: First aid m</b>   | neasures  |  |  |  |
|---------------------------------|---|--|--|--|
| 4.1. Description of first aid m | 4.1. Description of first aid measures  |  |  |  |
| Inhalation                      | Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not   |  |  |  |
|                                 | breathing, give artificial respiration and have a trained individual administer oxygen and get medical attention immediately.   |  |  |  |
| Eyes                            | Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.   |  |  |  |
| Skin Contact                    | Remove contaminated clothing immediately. Wash area of contact thoroughly with soap and water.<br>Get medical attention if irritation persists. High pressure skin injections are serious medical<br>emergencies. Get immediate medical attention. Thermal burns require immediate medical attention.<br>Seek medical advice if symptoms persist. |  |  |  |
| Ingestion                       | Seek medical attention immediately or call the Poison control center. Do not induce vomiting. If  |  |  |  |

#### **SECTION 4: First aid measures**

Note to Doctor

patient is fully conscious, give up to two glasses of water. Provide medical care provider with this SDS.

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

Symptoms Dizziness, Drowsiness, Severe pulmonary irritation

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

Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration. In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption. Consideration should be given to the use of an endotracheal tube, to prevent aspiration. Individuals intoxicated by middle distillates should be hospitalized immediately, with acute and continuing attention to neurologic and cardiopulmonary function. Positive pressure ventilation may be necessary. After the initial episode, individuals should be followed for changes in blood variables and the delayed appearance of pulmonary edema and chemical pneumonitis. Such patients should be followed for several days or weeks for delayed effects, including bone marrow toxicity, hepatic, and renal impairment. Individuals with chronic pulmonary disease will be more seriously impaired, and recovery from inhalation exposure may be complicated. Avoid emesis unless a large amount has been ingested or it contains a toxic additive. Gastric lavage after endotracheal intubation should be reserved for a patient who requires GI decontamination and is lethargic or obtunded. Safe use of activated charcoal and cathartic should be considered if ingested. Mineral oil cathartics should not be given to patients. Saline cathartics or sorbatol is preferrable. In case of skin injection, prompt debridement of the wound is necessary to minimize necrosis and tissue loss.

#### **SECTION 5: Firefighting measures** 5.1. Extinguishing media Suitable and Unsuitable Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may **Extinguishing Media:** cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid. 5.2. Special hazards arising from the substance or mixture Fire and/or Explosion Material may be ignited only if preheated to temperatures above the high flash point, for example in Hazards a fire. 5.3. Advice for firefighters **Fire Fighting Methods and** Do not enter fire area without proper protection including self- contained breathing apparatus and Protection full protective equipment.Use methods for the surrounding fire. **Hazardous Combustion** Carbon monoxide. Smoke Products

### **SECTION 6: Accidental release measures**

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

**General Measures:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

#### 6.2. Environmental precautions

Do not flush to sewer.

Avoid runoff into storm sewers and ditches that lead to waterways.

Remove from water surface by skimming or with suitable absorbents. Do not use dispersants.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up:** Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center. P391 - Collect spillage.

#### 6.4. Reference to other sections

Follow all protective equipment recommendations provided in Section 8.

### **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Empty containers may retain product residues/ vapors. Use proper bonding and grounding during bulk product transfer.

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

Store in a cool dry place. Isolate from incompatible materials.

Incompatible materials

See Section 10.

**7.3. Specific end use(s)** Two Cycle Engine Oil

### **SECTION 8: Exposure controls/personal protection**

| 8.1. Control parameters     |                                     |  |
|-----------------------------|-------------------------------------|--|
| Chemical Name               | <b>Occupational Exposure Limits</b> | Value                                    |
| Oil mist, mineral           | OSHA PEL                            | 5 mg/m3                                  |
| Oil mist, mineral           | OSHA PEL                            | 5 mg/m3                                  |
| Oil mist, mineral           | OSHA PEL                            | 5 mg/m3                                  |
| Oil mist, mineral           | OSHA PEL                            | 5 mg/m3                                  |
| Naphthalene                 | OSHA PEL                            | 10 ppm TWA; 50 mg/m3 TWA                 |
| Toluene                     | OSHA PEL                            | 200 ppm TWA                              |
| Benzene                     | OSHA PEL                            | 10 ppm TWA (applies to industry          |
|                             |                                     | segments exempt from the benzene         |
|                             |                                     | standard at 29 CFR 1910.1028); 1 ppm     |
|                             |                                     | TWA                                      |
| ethylbenzene                | OSHA PEL                            | 100 ppm TWA; 435 mg/m3 TWA               |
| Naphthalene                 | OSHA STEL                           | 15 ppm STEL; 75 mg/m3 STEL               |
| Toluene                     | OSHA STEL                           | 150 ppm STEL; 560 mg/m3 STEL             |
| Benzene                     | OSHA STEL                           | 1 ppm STEL                               |
| ethylbenzene                | OSHA STEL                           | 125 ppm STEL; 545 mg/m3 STEL             |
| Oil mist, mineral           | ACGIH TLV-TWA                       | 5 mg/m3                                  |
| Kerosene                    | ACGIH TLV-TWA                       | 200 mg/m3 TWA (application restricted to |
|                             |                                     | conditions in which there are negligible |
|                             |                                     | aerosol exposures, total hydrocarbon     |
|                             |                                     | vapor)                                   |
| Oil mist, mineral           | ACGIH TLV-TWA                       | 5 mg/m3                                  |
| Kerosene, hydrodesulfurized | ACGIH TLV-TWA                       | 200 mg/m3 TWA (application restricted to |
|                             |                                     | conditions in which there are negligible |
|                             |                                     | aerosol exposures, total hydrocarbon     |
|                             |                                     | vapor)                                   |
| Oil mist, mineral           | ACGIH TLV-TWA                       | 5 mg/m3                                  |
| Oil mist, mineral           | ACGIH TLV-TWA                       | 5 mg/m3                                  |
| Naphthalene                 | ACGIH TLV-TWA                       | 10 ppm TWA                               |
| Toluene                     | ACGIH TLV-TWA                       | 20 ppm TWA                               |
| Benzene                     | ACGIH TLV-TWA                       | 0.5 ppm TWA                              |
| ethylbenzene                | ACGIH TLV-TWA                       | 20 ppm TWA                               |
| Oil mist, mineral           | ACGIH STEL                          | 10 mg/m3                                 |
| Oil mist, mineral           | ACGIH STEL                          | 10 mg/m3                                 |
| Oil mist, mineral           | ACGIH STEL                          | 10 mg/m3                                 |
| Oil mist, mineral           | ACGIH STEL                          | 10 mg/m3                                 |
| Naphthalene                 | ACGIH STEL                          | 15 ppm STEL                              |
| Benzene                     | ACGIH STEL                          | 2.5 ppm STEL                             |
| Naphthalene                 | IDLH                                | 250 ppm IDLH                             |
| Toluene                     | IDLH                                | 500 ppm IDLH                             |
| Benzene                     | IDLH                                | 500 ppm IDLH                             |
| ethylbenzene                | IDLH                                | 800 ppm IDLH (10% LEL)                   |
|                             |                                     |  |

| SECTION 8: Exposure controls/personal protection |  |  |
|--|--|--|
| 8.1. Control parameters                          |  |  |
| Chemical Name                                    | Occupational Exposure Limits   | Value  |
| None.  | OSHA PEL-Skin Notation   |  |
| Kerosene   | ACGIH TLV-Skin Designation   | Skin - potential significant contribution to overall exposure by the cutaneous route |
| Kerosene, hydrodesulfurized                      | ACGIH TLV-Skin Designation   | Skin - potential significant contribution to overall exposure by the cutaneous route |
| Naphthalene                                      | ACGIH TLV-Skin Designation   | Skin - potential significant contribution to overall exposure by the cutaneous route |
| Benzene  | ACGIH TLV-Skin Designation   | Skin - potential significant contribution to overall exposure by the cutaneous route |
| 8.2. Exposure controls<br>Engineering Measures   | Local exhaust ventilation or other engineering contusing this product to avoid overexposure. | rols are normally required when handling or  |

| <b>Respiratory Protection</b> | Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room   |
|-------------------------------|--|
|                               | ventilation is not available or sufficient to eliminate symptoms.  |
| Respirator Type(s)            | If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's  |
|                               | use.   |
| Eye Protection                | Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.   |
| Skin Protection               | Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. |
| Gloves                        | Neoprene, Nitrile  |

### SECTION 9: Physical and chemical properties

| ble Horry. Thysical and chemical properties                |                |  |
|--|----------------|--|
| 9.1. Information on basic physical and chemical properties |                |  |
| Physical State   | Liquid         |  |
| Color  | Blue           |  |
| Odor   | Mild           |  |
| Odor threshold   | Not determined |  |
| рН   | Not determined |  |
| Freezing point   | -40            |  |
| Boiling Point  | Not determined |  |
| Flash Point (°C)   | 165            |  |
| Flash Point Method   | COC            |  |
| Evaporation Rate   | Not determined |  |
| Upper Flammable/Explosive                                  | = 10           |  |
| Limit, % in air  |                |  |
| Lower Flammable/Explosive                                  | 0.7            |  |
| Limit, % in air  |                |  |
| Flammability (solid, gas)                                  | Not applicable |  |
| Vapor pressure   | <0.20          |  |
| Vapor Density  | 4.42 3.66      |  |
| Relative Density   | 0.86           |  |
| Solubility in Water  | Not determined |  |
| <b>Octanol/Water Partition</b>                             | Not determined |  |
| Coefficient  |                |  |
| Autoignition Temperature                                   | Not determined |  |

## **SECTION 9: Physical and chemical properties**

| 9.1. Information on basic physical and chemical properties |                |  |
|--|----------------|--|
| <b>Decomposition Temperature</b>                           | Not determined |  |
| Viscosity(°C)  | 30.07          |  |
| 9.2. Other information                                     |                |  |
| Volatile organic compound                                  | 0.000000       |  |
| (VOC) content and  |                |  |
| percentage of volatiles                                    |                |  |

### SECTION 10: Stability and reactivity

| •                              |   |
|--------------------------------|---|
| 10.1. Reactivity               | No data available.  |
| 10.2. Chemical stability       | Stable under normal conditions.   |
| 10.3. Possibility of hazardous | Hazardous polymerization will not occur.  |
| reactions                      |   |
| 10.4. Conditions to avoid      | Temperatures above the high flash point of this combustible material in combination with sparks,    |
|                                | open flames, or other sources of ignition. Moisture (will lead to product performance degradation). |
| 10.5. Incompatible materials   | Strong oxidizing agents   |
| 10.6. Hazardous                | Carbon monoxide, Smoke, Carbon monoxide, sulfur oxides, aldehydes, and other petroleum              |
| decomposition products         | decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus,        |
|                                | calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.                       |

### **SECTION 11: Toxicological information**

| 11.1. Information on toxicologi                     | ical effects   |
|---|--|
| Ingestion Toxicity                                  | No hazard in normal industrial use. Estimated to be $> 5.0$ g/kg.  |
| Skin Contact  | This material is estimated to be severely irritating (Primary Irritation Index is 6.0 - 6.5  |
|   | [rabbits]).Contact may result in defatting, redness, itching, inflammation, cracking, and possible secondary infection. High pressure skin injections are Serious Medical Emergencies. Injury may not appear serious at first; within a few hours, tissue will become swollen, discolored and extremely painful (see Notes to Doctor). Contact with heated material may cause thermal burns. |
| Absorption  | Likely to be practically non-toxic based on animal data.   |
| Inhalation Toxicity                                 | Harmful! Can cause systemic damage (see "Target Organs"). Likely to be practically non-toxic based on animal data.   |
| Eye Contact   | The material is likely to be moderately irritating to eyes based on animal data. Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.  |
| Sensitization                                       | Non-hazardous under Respiratory Sensitization category.No data available to indicate product or components may be a skin sensitizer.   |
| Mutagenicity  | Mutagenic affects in humans may occur.   |
| Carcinogenicity                                     | Contains a known human carcinogen.   |
| Reproductive and                                    | Contains a substance that is a possible reproductive system hazard based on animal studies at doses  |
| <b>Developmental Toxicity</b>                       | that could be encountered in the workplace.  |
| Specific target organ                               | H336 - May cause drowsiness or dizziness.  |
| toxicity-Single exposure                            | H335 - May cause respiratory irritation.   |
| Specific target organ<br>toxicity-Repeated exposure | H373 - May cause damage to organs through prolonged or repeated exposure.  |
| Long-Term (Chronic) Health<br>Effects               | Dizziness, Drowsiness, Severe pulmonary irritation   |
| Aspiration toxicity                                 | Non-hazardous under Aspiration category.   |
| Other information                                   | No data available.   |

### Agents Classified by IARC Monographs

| IARC Group 1  |
|---------------|
| IARC Group 2A |
| IARC Group 2B |
| IARC Group 2B |
|               |

### National Toxicity Program (NTP) Status

BenzeneKnown Human CarcinogenNaphthaleneReasonably Anticipated To Be A Human Carcinogen

### **SECTION 12: Ecological information**

12.1. Toxicity
Acute Aquatic ecotoxicity: H400 - Very toxic to aquatic life.
Chronic Aquatic ecotoxicity: H410 - Very toxic to aquatic life with long lasting effects.
12.2. Persistence and degradability
Biodegrades slowly.
12.3. Bioaccumulative potential
Bioconcentration may occur.
12.4. Mobility in soil
This material is expected to have high mobility in soil. It absorbs weakly to most soil types.
12.5. Results of PBT and vPvB assessment
No data available.
12.6. Other adverse effects
Not determined

### **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Disposal Methods Dispose of by incineration following Federal, State, Local, or Provincial regulations. Waste Disposal Code(s) Waste Description for Spent Product Spent or discarded material is not expected to be a hazardous waste. Contaminated packaging: Recycle containers whenever possible. Recycle containers whenever possible.

### **SECTION 14: Transport information**

| DOT         | Proper Shipping Name:  | No data available.               |  |
|-------------|--|----------------------------------|--|
|             | UN Number:   | Not regulated for road transport |  |
|             | Hazard Class:  | No data available.               |  |
|             | Packing Group:   | No data available.               |  |
| DOT Basic   | Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO). |                                  |  |
| Description |  |                                  |  |
| IMDG        | Proper Shipping Name:  | No data available.               |  |
|             | UN Number:   | No data available.               |  |
|             | Hazard Class:  | No data available.               |  |
|             | Packing Group:   | No data available.               |  |
|             | Marine Pollutant:  | No data available.               |  |
| IATA        | Proper Shipping Name:  | No data available.               |  |
|             | UN Number:   | No data available.               |  |
|             | Hazard Class:  | No data available.               |  |
|             | Packing Group:   | No data available.               |  |

### **SECTION 15: Regulatory information**

| <u>Chemical Inventories</u> |   |
|-----------------------------|---|
| TSCA Status                 | All components of this material are on the US TSCA Inventory or are exempt. |
| U.S. State Restrictions:    | Not applicable  |
| WHMIS:                      | B3, D2B   |
|                             |   |

| Chemical Name | Regulation | CAS #   | %       |
|---------------|------------|---------|---------|
| Naphthalene   | CERCLA     | 91-20-3 | 0.1 - 1 |

| Chemical Name          | <b>Regulation</b>        | CAS #     | <b>%</b>         |
|------------------------|--------------------------|-----------|------------------|
| Benzene, dimetnyi-     | CERCLA                   | 100 00 2  | 0.1 - 1          |
| Benzene, methyl-       | CERCLA                   | 108-88-3  | 0.1 - 1          |
| Benzene                | CERCLA                   | /1-43-2   | 0.1 - 1          |
| ethylbenzene           | CERCLA                   | 100-41-4  | 0.1 - 1          |
| Biphenyl               | CERCLA                   | 92-52-4   | 0.1 - 1          |
| Naphthalene            | SARA 313                 | 91-20-3   | 0.1 - 1          |
| Xylene (mixed isomers) | SARA 313                 | 1330-20-7 | 0.1 - 1          |
| Toluene                | SARA 313                 | 108-88-3  | 0.1 - 1          |
| Benzene                | SARA 313                 | 71-43-2   | 0.1 - 1          |
| ethylbenzene           | SARA 313                 | 100-41-4  | 0.1 - 1          |
| Biphenyl               | SARA 313                 | 92-52-4   | 0.1 - 1          |
| None.                  | SARA EHS                 |           |                  |
| None.                  | TSCA 12b                 |           |                  |
| U.S. State Regulations |                          |           |                  |
| Chemical Name          | Regulation               | CAS #     | %                |
| Naphthalene            | California Prop 65-      | 91-20-3   | 0.1 - 1          |
|                        | Cancer                   |           |                  |
| Benzene                | California Prop 65-      | 71-43-2   | 0.1 - 1          |
|                        | Cancer                   |           |                  |
| ethylbenzene           | California Prop 65-      | 100-41-4  | 0.1 - 1          |
| •                      | Cancer                   |           |                  |
| Toluene                | California Prop 65- Dev. | 108-88-3  | 0.1 - 1          |
|                        | Toxicity                 |           |                  |
| Benzene                | California Prop 65- Dev. | 71-43-2   | 0.1 - 1          |
|                        | Toxicity                 |           |                  |
| None                   | California Prop 65-      |           |                  |
| Tone.                  | Reprod -fem              |           |                  |
| Benzene                | California Prop 65-      | 71-43-2   | 01-1             |
| Denzene                | Reprod-male              | 11 75 2   | 0.1 1            |
| Kerosine               | Massachusetts RTK List   | 8008-20-6 | 10 - 30          |
| Nanhthalene            | Massachusetts RTK List   | 91-20-3   | 01-1             |
| Toluene                | Massachusetts RTK List   | 108 88 3  | 0.1 - 1<br>0 1 1 |
| Benzene                | Massachusetts RTK List   | 71_43_2   | 0.1 - 1          |
| ethylbenzene           | Massachusetts RTK List   | 100 41 4  | 0.1 - 1<br>0 1 1 |
| Karosana               | Now Jorsov DTK List      | 8008 20 6 | 10 20            |
| Naphthalana            | New Jersey RTK List      | 01 20 3   | 0 1 1            |
| Taluana                | New Jersey RTK List      | 109 99 2  | 0.1 - 1          |
| Panzana                | New Jersey RTK List      | 71 42 2   | 0.1 - 1          |
| athulhanzana           | New Jersey RTK List      | 100 41 4  | 0.1 - 1          |
| Veresine               | Depressivenia DTV List   | 2008 20 6 | 0.1 - 1          |
| Neglethelene           | Pennsylvania RTK List    | 01 20 2   | 10 - 50          |
| Naphthalene            | Pennsylvania RTK List    | 91-20-3   | 0.1 - 1          |
| Benzene, metnyl-       | Pennsylvania RTK List    | 108-88-3  | 0.1 - 1          |
| Benzene                | Pennsylvania RTK List    | /1-43-2   | 0.1 - 1          |
| Benzene, ethyl-        | Pennsylvania RTK List    | 100-41-4  | 0.1 - 1          |
| None.                  | Rhode Island RTK List    | 01.00.0   | 0 1 1            |
| Naphthalene            | Minnesota Hazardous      | 91-20-3   | 0.1 - 1          |
|                        | Substance List           | 100.00.2  | 0.1.1            |
| Toluene                | Minnesota Hazardous      | 108-88-3  | 0.1 - 1          |
| -                      | Substance List           |           |                  |
| Benzene                | Minnesota Hazardous      | 71-43-2   | 0.1 - 1          |
|                        | Substance List           |           |                  |
| ethylbenzene           | Minnesota Hazardous      | 100-41-4  | 0.1 - 1          |
|                        | Substance List           |           |                  |

|      | <b>HMIS Ratings:</b> |            | NFPA Ratings: |          |             |  |
|------|----------------------|------------|---------------|----------|-------------|--|
|      | Health:              | 2          | Health:       | 2        |             |  |
|      | Fire:                | 1          | Fire:         | 1        |             |  |
|      | Reactivity:          | 0          | Reactivity:   | 0        |             |  |
|      | PPE:                 | В          |               |          |             |  |
| KEY: | 0 - Least            | 1 - Slight | 2 - Moderate  | 3 - High | 4 – Extreme |  |

### **SECTION 16: Other information**

Revision Date Supersedes: References Disclaimer information
2/9/2016 3:37:31 PM
1/22/2016 10:20:08 AM
No data available.
This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.