1. Identification

Product identifier: HyVolt C50A

Other means of identification: None.

Recommended use: Transformer Oil

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Company: Ergon, Inc.
Address: P.O. Box 1639
 Jackson, MS 39215
E-mail: sds@ergon.com

Emergency Contacts
Customer Service: 1-800-222-7122
Chemtrec: 1-800-424-9300 After Business Hours (North America Only)
1-703-527-3887 After Business Hours (International)

Supplier: Not available.

2. Hazard identification

Physical hazards: Not classified.

Health hazards: Aspiration hazard Category 1

Environmental hazards: Not classified.

Label elements

Signal word: Danger

Hazard statement: May be fatal if swallowed and enters airways.

Precautionary statement

Prevention: Do not breathe gas/mist/vapors/spray.

Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Storage: Store locked up.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. See section 13 of this SDS for disposal instructions.

Other hazards: None known.

Supplemental information: None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>OIL, MINERAL</td>
<td></td>
<td>64742-53-6</td>
<td>65 - 85</td>
</tr>
<tr>
<td>C18-C50 BRANCHED, CYCLIC AND LINEAR HYDROCARBONS – DISTILLATES</td>
<td></td>
<td>848301-69-9</td>
<td>0 - 40</td>
</tr>
<tr>
<td>OIL, MINERAL</td>
<td></td>
<td>64742-55-8</td>
<td>0 - 35</td>
</tr>
<tr>
<td>Chemical name</td>
<td>Common name and synonyms</td>
<td>CAS number</td>
<td>%</td>
</tr>
<tr>
<td>---------------</td>
<td>--------------------------</td>
<td>------------</td>
<td>---</td>
</tr>
<tr>
<td>LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASED</td>
<td></td>
<td>72623-86-0</td>
<td>0 - 20</td>
</tr>
<tr>
<td>BUTYLATED HYDROXYTOLUENE (BHT)</td>
<td></td>
<td>128-37-0</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.</td>
<td></td>
<td>64742-94-5</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

### 4. First-aid measures

#### Inhalation
Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical advice/attention.

#### Skin contact
Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.

#### Eye contact
Flush thoroughly with water. If irritation occurs, get medical assistance.

#### Ingestion
Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control center immediately.

#### Most important symptoms/effects, acute and delayed
Defatting of the skin.

#### Indication of immediate medical attention and special treatment needed
Treat symptomatically.

#### General information
Contact physician if discomfort continues.

### 5. Fire-fighting measures

#### Suitable extinguishing media
Halon. Dry chemicals. Foam. Carbon dioxide (CO2). Water spray or fog. Do not use water jet as an extinguisher, as this will spread the fire.

#### Unsuitable extinguishing media
Do not use a solid water stream as it may scatter and spread fire.

#### Specific hazards arising from the chemical
No unusual fire or explosion hazards noted.

#### Special protective equipment and precautions for firefighters
Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

#### Fire fighting equipment/instructions
Cool containers exposed to flames with water until well after the fire is out. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Use pressurized air mask if product is involved in a fire.

#### General fire hazards
No unusual fire or explosion hazards noted. Flammability Class: Combustible IIIB

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.

#### Methods and materials for containment and cleaning up
Large Spills: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth or absorbent material then place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

#### Environmental precautions
Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements or confined areas. Avoid discharge to the aquatic environment. Contact local authorities in cases of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground. If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.
7. Handling and storage

Precautions for safe handling

DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands after handling and before eating. Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Store in a well-ventilated place. Use care in handling/storage.

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>US. ACGIH Threshold Limit Values</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYLATED HYDROXYTOLUENE (BHT) (CAS 128-37-0)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Inhalable fraction and vapor.</td>
</tr>
<tr>
<td>LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASED (CAS 72623-86-0)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-55-8)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5)</td>
<td>TWA</td>
<td>200 mg/m³</td>
<td>Non-aerosol.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Canada. Alberta OELs (Occupational Health &amp; Safety Code, Schedule 1, Table 2)</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYLATED HYDROXYTOLUENE (BHT) (CAS 128-37-0)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>C18-C50 BRANCHED, CYCLIC AND LINEAR HYDROCARBONS – DISTILLATES (CAS 848301-69-9)</td>
<td>TWA</td>
<td>1590 mg/m³</td>
<td></td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-55-8)</td>
<td>STEL</td>
<td>400 ppm</td>
<td>Mist.</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5)</td>
<td>TWA</td>
<td>200 mg/m³</td>
<td>Vapor.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYLATED HYDROXYTOLUENE (BHT) (CAS 128-37-0)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Vapor and aerosol, inhalable.</td>
</tr>
<tr>
<td>LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASED (CAS 72623-86-0)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Mist.</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5)</td>
<td>TWA</td>
<td>200 mg/m³</td>
<td>Non-aerosol.</td>
</tr>
</tbody>
</table>
### Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

<table>
<thead>
<tr>
<th>Material</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>HyVolt C50A</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td><strong>Butylated Hydroxytoluene (BHT)</strong> (CAS 128-37-0)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Inhalable fraction and vapor.</td>
</tr>
<tr>
<td><strong>Lubricating Oils (Petroleum), C15-30, Hydrotreated Neutral Oil-Based</strong> (CAS 72623-86-0)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-53-6)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-55-8)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Solvent Naphtha (Petroleum), Heavy Arom. (CAS 64742-94-5)</td>
<td>TWA</td>
<td>200 mg/m³</td>
<td>Non-aerosol.</td>
</tr>
</tbody>
</table>

### Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYLATED HYDROXYTOLUENE (BHT) (CAS 128-37-0)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Inhalable fraction and vapor.</td>
</tr>
<tr>
<td><strong>Lubricating Oils (Petroleum), C15-30, Hydrotreated Neutral Oil-Based</strong> (CAS 72623-86-0)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

### Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

<table>
<thead>
<tr>
<th>Material</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>HyVolt C50A</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
<tr>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Mist.</td>
<td></td>
</tr>
<tr>
<td><strong>Butylated Hydroxytoluene (BHT)</strong> (CAS 128-37-0)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>C18-C50 Branched, Cyclic and Linear Hydrocarbons – Distillates (CAS 848301-69-9)</td>
<td>TWA</td>
<td>1590 mg/m³</td>
<td></td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-55-8)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-53-6)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-55-8)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Mist.</td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-53-6)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

### Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYLATED HYDROXYTOLUENE (BHT) (CAS 128-37-0)</td>
<td>15 minute</td>
<td>4 mg/m³</td>
<td>Inhalable fraction and vapor.</td>
</tr>
<tr>
<td>Components</td>
<td>Type</td>
<td>Value</td>
<td>Form</td>
</tr>
<tr>
<td>------------</td>
<td>------</td>
<td>-------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>C18-C50 BRANCHED, CYCLIC AND LINEAR HYDROCARBONS – DISTILLATES (CAS 848301-69-9)</td>
<td>8 hour</td>
<td>2 mg/m3</td>
<td>Inhalable fraction and vapor.</td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-55-8)</td>
<td>15 minute</td>
<td>500 ppm</td>
<td></td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-53-6)</td>
<td>15 minute</td>
<td>10 mg/m3</td>
<td></td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-55-8)</td>
<td>8 hour</td>
<td>400 ppm</td>
<td></td>
</tr>
<tr>
<td>OIL, MINERAL (CAS 64742-55-8)</td>
<td>15 minute</td>
<td>10 mg/m3</td>
<td></td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5)</td>
<td>8 hour</td>
<td>5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5)</td>
<td>15 minute</td>
<td>250 mg/m3</td>
<td>Vapor.</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5)</td>
<td>8 hour</td>
<td>200 mg/m3</td>
<td>Vapor.</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).

Exposure guidelines

Canada - Alberta OELs: Skin designation
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5) Can be absorbed through the skin.

Canada - British Columbia OELs: Skin designation
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5) Can be absorbed through the skin.

Canada - Manitoba OELs: Skin designation
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5) Can be absorbed through the skin.

Canada - Ontario OELs: Skin designation
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5) Can be absorbed through the skin.

Canada - Saskatchewan OELs: Skin designation
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. (CAS 64742-94-5) Can be absorbed through the skin.

Appropriate engineering controls
Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Individual protection measures, such as personal protective equipment

Eye/face protection
Goggles/face shield are recommended.

Skin protection
Hand protection
Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

Other
Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.

Respiratory protection
Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards
Not available.

General hygiene considerations
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
9. Physical and chemical properties

Appearance: Clear & bright

Physical state: Liquid.

Form: Liquid.

Color: Water White to Pale

Odor: Mild Petroleum Odor

Odor threshold: Not available.

pH: Not applicable

Melting point/freezing point: -85 °F (-65 °C) ASTM D5950

Initial boiling point and boiling range: 545 °F (285 °C) ASTM D2887/ ISO 3294

Flash point: 289.4 °F (143.0 °C) Pensky-Martens Closed Cup ASTM D93/ ISO 2719

311.0 °F (155.0 °C) Cleveland Open Cup ASTM D92/ ISO 2592

Evaporation rate: Not available.

Flammability (solid, gas): Not available.

Upper/lower flammability or explosive limits:

Flammability limit - lower (%): Not available.

Flammability limit - upper (%): Not available.

Explosive limit - lower (%): Not available.

Explosive limit - upper (%): Not available.

Vapor pressure: Not available.

Vapor density: Not available.

Relative density: 0.89 (59 °F (15 °C) ASTM D4052/ ISO 12185)

Solubility(ies):

Solubility (water): Insoluble

Partition coefficient (n-octanol/water): Not established.

Auto-ignition temperature: > 599 °F (> 315 °C) ASTM E659

Decomposition temperature: Not available.

Viscosity: 9.5 cSt (104 °F (40 °C) ASTM D445)

10. Stability and reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Stable.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: Heat, flames and sparks. Avoid temperatures exceeding the flash point.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information

Information on likely routes of exposure:

Inhalation: May be fatal if swallowed and enters airways.

Skin contact: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Eye contact: May be irritating to eyes.

Ingestion: May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration. May be fatal if swallowed and enters airways.
Symptoms related to the physical, chemical and toxicological characteristics


Information on toxicological effects

### Acute toxicity

Not applicable.

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>C18-C50 BRANCHED, CYCLIC AND LINEAR HYDROCARBONS – DISTILLATES (CAS 848301-69-9)</td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>61 mg/l, 4 Hours</td>
</tr>
</tbody>
</table>

Not available. * Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation**

May cause defatting of the skin, but is neither an irritant nor a sensitizer.

**Serious eye damage/eye irritation**

Not classified. May cause minor irritation on eye contact.

**Respiratory or skin sensitization**

**Respiratory sensitization**

Not classified.

**Skin sensitization**

Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer.

**Germ cell mutagenicity**

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Note L - Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346. Not classified.

**Reproductive toxicity**

Contains no ingredient listed as toxic to reproduction

**Specific target organ toxicity - single exposure**

Not classified.

**Specific target organ toxicity - repeated exposure**

Not classified.

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**Chronic effects**

Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

**Further information**

Risk of chemical pneumonia after aspiration.

12. Ecological information

**Ecotoxicity**

Not expected to be harmful to aquatic organisms.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>HyVolt C50A</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fish</td>
</tr>
<tr>
<td></td>
<td></td>
<td>23.0633 mg/l, 48 hours estimated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>58.9391 mg/l, 96 hours estimated</td>
</tr>
</tbody>
</table>

**Butylated hydroxytoluene (BHT) (CAS 128-37-0)**

<table>
<thead>
<tr>
<th>Aquatic</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia pulex)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.44 mg/l, 48 hours</td>
</tr>
</tbody>
</table>

**C18-C50 BRANCHED, CYCLIC AND LINEAR HYDROCARBONS – DISTILLATES (CAS 848301-69-9)**

<table>
<thead>
<tr>
<th>Aquatic</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia pulex)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.7 - 5.1 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Rainbow trout, donaldson trout (Oncorhynchus mykiss)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8.8 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

Not available. * Estimates for product may be based on additional component data not shown.

**Persistence and degradability**

Not inherently biodegradable.

**Bioaccumulative potential**

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
Mobility in soil
Not available.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions
When this product as supplied is to be discarded as waste, it does not meet the definition of a RCRA waste under 40 CFR 261. Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Hazardous waste code
Not applicable.

Waste from residues / unused products
Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.

Contaminated packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.

14. Transport information

TDG
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not available.

General information
Not regulated as dangerous goods.

15. Regulatory information

Canadian regulations
This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

Controlled Drugs and Substances Act
Not regulated.

Export Control List (CEPA 1999, Schedule 3)
Not listed.

Greenhouse Gases
Not listed.

Precursor Control Regulations
Not regulated.

International regulations
The product is classified and labelled in accordance with EC directives or respective national laws.

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

HyVolt oils are certified to be PCB-free. HyVolt oils are processed from naturally occurring raw materials with no additives or recycled oils that might introduce PCB contamination.

Stockholm Convention
Not applicable.

Rotterdam Convention
Not applicable.

Kyoto protocol
Not applicable.

Montreal Protocol
Not applicable.

Basel Convention
Not applicable.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------------------------------------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
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<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
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</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory (TCSI)</td>
<td>Yes</td>
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<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information

**Issue date**
09-23-2019

**Version #**
01

**Further information**

- Local CHEMTREC Numbers:
  - CHEMTREC China: 4001-204937
  - CHEMTREC EU (Brussels): +(32)-28083237
  - CHEMTREC Indonesia: 001-803-017-9114
  - CHEMTREC Malaysia: +(60)-327884561
  - CHEMTREC Mexico: 1-800-681-9531
  - CHEMTREC Singapore: +(65)-31581349

**References**

- ACGIH
- EPA: AQUIRE database
- NLM: Hazardous Substances Data Base
- US. IARC Monographs on Occupational Exposures to Chemical Agents
- IARC Monographs. Overall Evaluation of Carcinogenicity
- National Toxicology Program (NTP) Report on Carcinogens
- ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
- Chemical Abstracts Service Registry Handbook
- CRC: Handbook of Chemistry and Physics
- ILO Safety Cards
- International Labour Organization
- International Maritime Organization Marine Pollutants List
- NFPA Hazardous Chemical Data Sheets
- NIOSH Pocket Guide
- Registry of Toxic Effects of Chemical Substances (RTECS)
- US DOT Hazardous Materials Regulations

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.