1. Identification

Product identifier: 440 SUPERIOR SPRAY OIL

Other means of identification: None.

Recommended use: Ag Product / Pro Product - Plant Protection

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

- Company name: Wilbur-Ellis Company LLC
- Address: 16300 Christensen Rd. Ste 135
  Tukwila, WA 98188
  United States

- Telephone: Branded Products Information (800) 500-1698
- E-mail: SDS@wilburellis.com

Emergency phone number:

- Chemtrec - Domestic: (800) 424-9300
- Chemtrec - International: +1 703-741-5970

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards: Not classified.

Environmental hazards: Not classified.

OSHA defined hazards: Not classified.

Label elements

- Hazard symbol: None.
- Signal word: None.
- Hazard statement: The mixture does not meet the criteria for classification.

Precautionary statement

- Prevention: Not applicable.
- Response: Not applicable.
- Storage: Not applicable.
- Disposal: Not applicable.

Hazard(s) not otherwise classified (HNOC): 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>Highly refined hydrotreated paraffinic distillate</td>
<td></td>
<td>72623-84-8</td>
<td>90 - 100</td>
</tr>
</tbody>
</table>

Other components below reportable levels 1 - < 3

Percentage ranges of composition to protect confidentiality or due to batch variation.

4. First-aid measures

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact: Rinse with water. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed
Indication of immediate medical attention and special treatment needed
General information

Direct contact with eyes may cause temporary irritation.
Treat symptomatically.
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures
Suitable extinguishing media
Unsuitable extinguishing media
Specific hazards arising from the chemical
Special protective equipment and precautions for firefighters
Fire fighting equipment/instructions
Specific methods
General fire hazards

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Do not use water jet as an extinguisher, as this will spread the fire.
During fire, gases hazardous to health may be formed.
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Move containers from fire area if you can do so without risk.
Use standard firefighting procedures and consider the hazards of other involved materials.
No unusual fire or explosion hazards noted.

6. Accidental release measures
Personal precautions, protective equipment and emergency procedures
Methods and materials for containment and cleaning up
Environmental precautions

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
The product is immiscible with water and will spread on the water surface.
Large Spills: 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 and place into containers. Following product recovery, flush area with water.
Small Spills: Wipe up with inert absorbent material. Clean surface thoroughly to remove residual contamination.
Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage
Precautions for safe handling
Conditions for safe storage, including any incompatibilities

Observe good industrial hygiene practices.
Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection
Occupational exposure limits
US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highly refined hydrotreated paraffinic distillate (CAS 72623-84-8)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

No biological exposure limits noted for the ingredient(s).
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection
Skin protection
Hand protection

Wear safety glasses with side shields (or goggles).
Wear appropriate chemical resistant gloves.
Wear suitable protective clothing.

In case of insufficient ventilation, wear suitable respiratory equipment.

Wear appropriate thermal protective clothing, when necessary.

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (Light liquid)</td>
<td></td>
</tr>
<tr>
<td>Physical state (Liquid)</td>
<td></td>
</tr>
<tr>
<td>Form (Liquid)</td>
<td></td>
</tr>
<tr>
<td>Color (Not available)</td>
<td></td>
</tr>
<tr>
<td>Odor (Hydrocarbon-like)</td>
<td></td>
</tr>
<tr>
<td>Odor threshold (Not available)</td>
<td></td>
</tr>
<tr>
<td>pH (Not available)</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point (Not available)</td>
<td></td>
</tr>
<tr>
<td>Initial boiling point and boiling range (Not available)</td>
<td></td>
</tr>
<tr>
<td>Flash point (&gt; 200.0 °F (&gt; 93.3 °C))</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate (Not available)</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas) (Not available)</td>
<td></td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td></td>
</tr>
<tr>
<td>Flammability limit - lower (%) (Not available)</td>
<td></td>
</tr>
<tr>
<td>Flammability limit - upper (%) (Not available)</td>
<td></td>
</tr>
<tr>
<td>Explosive limit - lower (%) (Not available)</td>
<td></td>
</tr>
<tr>
<td>Explosive limit - upper (%) (Not available)</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure (Not available)</td>
<td></td>
</tr>
<tr>
<td>Vapor density (Not available)</td>
<td></td>
</tr>
<tr>
<td>Relative density (Not available)</td>
<td></td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
</tr>
<tr>
<td>Solubility (water) (Insoluble)</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water) (Not available)</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition temperature (Not available)</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature (Not available)</td>
<td></td>
</tr>
<tr>
<td>Viscosity (Not available)</td>
<td></td>
</tr>
<tr>
<td>Other information</td>
<td></td>
</tr>
<tr>
<td>Density (7.09 lb/gal)</td>
<td></td>
</tr>
<tr>
<td>Flammability class (Combustible III B estimated)</td>
<td></td>
</tr>
<tr>
<td>Specific gravity (0.85)</td>
<td></td>
</tr>
</tbody>
</table>

10. Stability and reactivity

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

Material is stable under normal conditions.

No dangerous reaction known under conditions of normal use.

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Strong oxidizing agents.

Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.
11. Toxicological information

Information on likely routes of exposure

Inhalation  No adverse effects due to inhalation are expected.
Skin contact No adverse effects due to skin contact are expected.
Eye contact  Direct contact with eyes may cause temporary irritation.
Ingestion  Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics  Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity  Not available.
Skin corrosion/irritation  Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation  Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization

Respiratory sensitization  Not available.
Skin sensitization  This product is not expected to cause skin sensitization.
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.

IARC Monographs. Overall Evaluation of Carcinogenicity  Not listed.
US. National Toxicology Program (NTP) Report on Carcinogens  Not listed.
Reproductive toxicity  This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure  Not classified.
Specific target organ toxicity - repeated exposure  Not classified.
Aspiration hazard  Not available.
Further information  This product has no known adverse effect on human health.

12. Ecological information

Ecotoxicity  The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability  No data is available on the degradability of this product.
Bioaccumulative potential  No data available.
Mobility in soil  No data 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  Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Local disposal regulations  Dispose in accordance with all applicable regulations.
Hazardous waste code  The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products  Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
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, if applicable, even after container is emptied.

14. Transport information

DOT
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 established.

15. Regulatory information

US federal regulations
All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
Highly refined hydrotreated paraffinic distillate (CAS 72623-84-8)

US. California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Material name: 440 SUPERIOR SPRAY OIL
Version #: 02  Revision date: 09-26-2017  Issue date: 02-23-2016 SDS US 5 / 6
<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)</th>
</tr>
</thead>
<tbody>
<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>No</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>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</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, including date of preparation or last revision

| Issue date       | 02-23-2016                          |
| Revision date    | 09-26-2017                           |
| Version #        | 02                                  |

**NFPA ratings**

- Health: 1
- Flammability: 0
- Instability: 0

**Disclaimer**

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