SECTION 1: Identification

Product Identifier
Product Name: FLORASUN® 90
Synonyms: Sunflower (HELIANTHUS ANNUUSAA) seed oil
Additional information: This is a personal care product that is safe for consumers or other users under intended and reasonably foreseeable use. While this material is not hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. for specific intended-use guidance, refer to the information provided on the package.

Recommended Use of the Product and Restriction on Use
Relevant Identified Uses: Cosmetic and personal care
Uses Advised Against: Not determined or not applicable.
Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details
Manufacturer:
United States
Cargill Incorporated
15407 McGinty Rd W
Wayzata, MN 55391
1-800-227-4455

Emergency Telephone Number:
United States
VelocityEHS (formerly ChemTel, Inc)
1-800-255-3924 (North America)
+1-813-248-0585 (International)

SECTION 2: Hazard(s) Identification

GHS Classification: Not a hazardous substance or mixture

Label elements

Hazard Pictograms: None

Signal Word: None

Hazard statements: None

Precautionary Statements:
P264 Wash hands thoroughly after handling
P401 Store away from incompatible materials
P501 Dispose of contents and container in accordance with local, regional, national, and international regulations

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients
The manufacturer lists no ingredients as hazardous to health according to OSHA 29 CFR 1910.1200.

**Additional Information:** None.

### SECTION 4: First Aid Measures

**Description of First Aid Measures**

**General Notes:**
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**After Inhalation:**
If symptomatic, move to fresh air. Get medical attention if symptoms persist.

**After Skin Contact:**
Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

**After Eye Contact:**
Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention promptly if symptoms occur after washing.

**After Swallowing:**
First aid is normally not required. However, if greater than 1/2 liter (pint) ingested, seek medical attention.

**Most Important Symptoms and Effects, Both Acute and Delayed**

**Acute Symptoms and Effects:**
Direct contact with eyes may cause temporary irritation.

**Delayed Symptoms and Effects:**
Prolonged or repeated skin contact may cause drying, cracking, or irritation.

**Immediate Medical Attention and Special Treatment**

**Specific Treatment:**
Treat symptomatically.

**Notes for the Doctor:**
Not determined or not applicable.

### SECTION 5: Firefighting Measures

**Extinguishing Media**

**Suitable Extinguishing Media:**
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Unsuitable Extinguishing Media:**
Do not use water jet as an extinguisher, as this will spread the fire.

**Specific Hazards During Fire-Fighting:**
During fire, gases hazardous to health may be formed such as: Carbon oxides.
Rags, steel wool, or waste contaminated with this product may spontaneously catch fire if improperly discarded.

**Special Protective Equipment for Firefighters:**
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Special precautions:
In case of fire do not breathe fumes. Move containers from fire area if you can do so without risk.
Use standard firefighting procedures and consider the hazards of other involved materials.
Under improper storage or disposal conditions, porous materials such as rags, insulation, or clay containing this material may spontaneously combust.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:
Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

Environmental Precautions:
Avoid discharge into drains, water courses or onto the ground.

Methods and Material for Containment and Cleaning Up:
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and 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.
Never return spills to original containers for re-use.

Reference to Other Sections:
For waste disposal, see section 13 of the SDS.
For personal protection, see section 8 of the SDS.

SECTION 7: Handling and Storage

Precautions for Safe Handling:
Avoid breathing vapor or mist. Ensure adequate ventilation. Avoid prolonged exposure. Wear personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices.

Conditions for Safe Storage, Including Any Incompatibilities:
Recommended storage temperatures below 35°C.
Keep away from heat, sparks and open flame.
Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

<table>
<thead>
<tr>
<th>Country (Legal Basis)</th>
<th>Substance</th>
<th>Identifier</th>
<th>Permissible concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIOSH</td>
<td>Oil mist</td>
<td>REL-TWA: 10 mg/m³ ([Up to 10-hour] Vegetable oil mist, Total)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oil mist</td>
<td>REL-TWA: 5 mg/m³ ([Up to 10-hour] Vegetable oil mist, Respirable fraction)</td>
<td></td>
</tr>
</tbody>
</table>

Biological Limit Values:
No biological exposure limits noted for the ingredient(s).

Information on Monitoring Procedures:
Not determined or not applicable.
**Appropriate Engineering Controls:**
Good general ventilation 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. Ensure adequate ventilation, especially in confined areas.

**Personal Protection Equipment**

**Eye and Face Protection:**
If contact is likely, safety glasses with side shields are recommended.

**Skin and Body Protection:**
Hand protection: Not normally needed. Protective gloves are recommended to minimize prolonged skin contact. Suitable gloves can be recommended by the glove supplier. Other: Not normally needed. Selection of specific items will depend on the task, when needed. Thermal hazards: No protection is ordinarily required under normal conditions of use. Wear appropriate thermal protective clothing, when necessary.

**Respiratory Protection:**
If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Respiratory type: Dust mask or air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister.

**General Hygienic Measures:**
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.

---

**SECTION 9: Physical and Chemical Properties**

**Information on Basic Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid: Yellow.</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>5°C</td>
</tr>
<tr>
<td>Initial boiling point/range</td>
<td>&gt;255°C</td>
</tr>
<tr>
<td>Flash point (closed cup)</td>
<td>260°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Upper flammability/explosive limit</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Lower flammability/explosive limit</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Vapor density</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Density</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Solubilities</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>22.9</td>
</tr>
<tr>
<td>Auto/Self-ignition temperature</td>
<td>Not determined or not available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined or not available.</td>
</tr>
</tbody>
</table>
SECTION 10: Stability and Reactivity

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

Chemical Stability:
Material is stable under normal conditions.

Possibility of Hazardous Reactions:
High surface area exposure to oxygen can result in polymerization and release of heat. No dangerous reaction known under conditions of normal use.

Conditions to Avoid:
Exposure to heat and contact with sources of ignition. High surface area exposure to oxygen can result in polymerization and release of heat. Contact with incompatible materials.

Incompatible Materials:
Strong oxidizing agents.

Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide.

SECTION 11: Toxicological Information

Acute Toxicity
Assessment: Based on available data, the classification criteria are not met.
Product Data: No data available.
Substance Data: No data available.

Skin Corrosion/Irritation
Assessment: Based on available data, the classification criteria are not met.
Product Data:
Prolonged or repeated skin contact may cause drying, cracking, or irritation.
Substance Data: No data available.

Serious Eye Damage/Irritation
Assessment: Based on available data, the classification criteria are not met.
Product Data:
Direct contact with eyes may cause temporary irritation.
Substance Data: No data available.

Respiratory or Skin Sensitization
Assessment: Based on available data, the classification criteria are not met.
Product Data:
Respiratory sensitization: Not a respiratory sensitizer.
Skin sensitization: Sensitive individuals may experience dermatitis after long exposure of oil on skin.
Substance Data: No data available.

Carcinogenicity
Assessment: Based on available data, the classification criteria are not met.
Product Data:
Safety Data Sheet

Initial Preparation Date: 08.24.2023

FLORASUN® 90

<table>
<thead>
<tr>
<th>Species</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.</td>
</tr>
</tbody>
</table>

Substance Data: No data available.

International Agency for Research on Cancer (IARC):

<table>
<thead>
<tr>
<th>Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunflower oil, oleic acid-high</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

National Toxicology Program (NTP):

<table>
<thead>
<tr>
<th>Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunflower oil, oleic acid-high</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

OSHA Carcinogens: Not applicable

Germ Cell Mutagenicity
Assessment: Based on available data, the classification criteria are not met.

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

Substance Data: No data available.

Reproductive Toxicity
Assessment: Based on available data, the classification criteria are not met.

Product Data:
This product is not expected to cause reproductive or developmental effects.

Substance Data: No data available.

Specific Target Organ Toxicity (Single Exposure)
Assessment: Based on available data, the classification criteria are not met.

Product Data:
Not classified.

Substance Data: No data available.

Specific Target Organ Toxicity (Repeated Exposure)
Assessment: Based on available data, the classification criteria are not met.

Product Data:
Not classified.

Substance Data: No data available.

Aspiration toxicity
Assessment: Based on available data, the classification criteria are not met.

Product Data:
Not an aspiration hazard.

Substance Data: No data available.

Information on Likely Routes of Exposure:
Eye contact: Direct contact with eyes may cause temporary irritation.
Ingestion: May cause gastrointestinal upset.
Inhalation: Excessive inhalation of oil mist may affect the respiratory system. Oil mist is classified as a nuisance particulate by ACGIH.
Skin contact: Prolonged or repeated skin contact may cause drying, cracking, or irritation. Sensitive individuals may experience dermatitis after long exposure of oil on skin.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:
No data available.

Other Information:
Not expected to be acutely toxic.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity
Assessment: Not expected to be harmful to aquatic organisms.
Product Data: No data available.
Substance Data: No data available.

Chronic (Long-Term) Toxicity
Assessment: Based on available data, the classification criteria are not met.
Product Data: No data available.
Substance Data: No data available.

Persistence and Degradability
Product Data: No data available.
Substance Data: No data available.

Bioaccumulative Potential
Product Data: No data available.
Substance Data: No data available.

Mobility in Soil
Product Data: No data available.
Substance Data: No data available.

Results of PBT and vPvB assessment
Product Data:
  PBT assessment: This product does not contain any substances that are assessed to be a PBT.
  vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:
  PBT assessment: This product does not contain any substances that are assessed to be a PBT.
  vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

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.

SECTION 13: Disposal Considerations

Disposal Methods:
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 packages:
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

| UN Number | Not regulated |
### FLORASUN® 90

<table>
<thead>
<tr>
<th>UN Proper Shipping Name</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Transport Hazard Class(es)</td>
<td>None</td>
</tr>
<tr>
<td>Packing Group</td>
<td>None</td>
</tr>
<tr>
<td>Environmental Hazards</td>
<td>None</td>
</tr>
<tr>
<td>Special Precautions for User</td>
<td>None</td>
</tr>
</tbody>
</table>

**International Maritime Dangerous Goods (IMDG)**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Proper Shipping Name</td>
<td>Not regulated</td>
</tr>
<tr>
<td>UN Transport Hazard Class(es)</td>
<td>None</td>
</tr>
<tr>
<td>Packing Group</td>
<td>None</td>
</tr>
<tr>
<td>Environmental Hazards</td>
<td>None</td>
</tr>
<tr>
<td>Special Precautions for User</td>
<td>None</td>
</tr>
</tbody>
</table>

**International Air Transport Association Dangerous Goods Regulations (IATA-DGR)**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Proper Shipping Name</td>
<td>Not regulated</td>
</tr>
<tr>
<td>UN Transport Hazard Class(es)</td>
<td>None</td>
</tr>
<tr>
<td>Packing Group</td>
<td>None</td>
</tr>
<tr>
<td>Environmental Hazards</td>
<td>None</td>
</tr>
<tr>
<td>Special Precautions for User</td>
<td>None</td>
</tr>
</tbody>
</table>

### SECTION 15: Regulatory Information

**United States Regulations**

- **Inventory Listing (TSCA):** All ingredients are listed-active or exempt.
- **Significant New Use Rule (TSCA Section 5):** None of the ingredients are listed.
- **Export Notification under TSCA Section 12(b):** None of the ingredients are listed.
- **SARA Section 302 Extremely Hazardous Substances:** None of the ingredients are listed.
- **SARA Section 313 Toxic Chemicals:** None of the ingredients are listed.
- **CERCLA:** None of the ingredients are listed.
- **RCRA:** None of the ingredients are listed.
- **Section 112(r) of the Clean Air Act (CAA):** None of the ingredients are listed.
- **Massachusetts Right to Know:** None of the ingredients are listed.
- **New Jersey Right to Know:** None of the ingredients are listed.
- **New York Right to Know:** None of the ingredients are listed.
- **Pennsylvania Right to Know:** None of the ingredients are listed.
- **California Proposition 65:** None of the ingredients are listed.
- **Additional information:** Not determined.

### SECTION 16: Other Information

**Abbreviations and Acronyms:** None

**Disclaimer:**

The information contained herein is believed to be true and accurate. However, all statements, recommendations or suggestions are made without any guarantee, representation or warranty, express or
implied, on our part. Therefore, no warranty is made or to be implied that the information set out in this document is accurate or complete, and we accordingly exclude all liability in connection with the use of this information or the products referred to herein. All such risks are assumed by the purchaser/user. For the avoidance of doubt, however, nothing in this document excludes or limits our liability for death or personal injury caused by our negligence or for fraudulent misrepresentation.

Initial Preparation Date: 08.24.2023

End of Safety Data Sheet