



#### Section 4: First-aid measures

|  |  |
|--|--|
| <b>4.1 Description of necessary first-aid measures:</b>  |  |
| Eye Contact:   | • Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. If symptoms persist get medical attention. |
| Skin Contact:  | • Remove contaminated clothing. If skin irritation does occur, wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.  |
| Inhalation:  | • Remove victim immediately from source of exposure. Seek medical attention.   |
| Ingestion:   | • Not expected to be toxic. If ingested do NOT induce vomiting unless directed to do so by medical personnel. Seek immediate medical advice.   |
| <b>4.2 Indication of immediate medical attention and special treatment needed if necessary.</b><br>None known. |  |

#### Section 5: Fire-fighting measures

|  |
|--|
| <b>5.1 Flash Point:</b><br>>100°C  |
| <b>5.2 Suitable extinguishing media:</b><br>Extinguish using appropriate materials. <b>Avoid using water.</b> Use smothering materials, treat as oil fire. |
| <b>5.3 Specific hazards arising from the chemical:</b><br>Contains oil. May splatter and foam from contact with water. Avoid contact with hot oil          |
| <b>5.4 Special protective actions for fire-fighters:</b><br>Personnel should use self-contained breathing apparatus and wear protective clothing.          |

#### Section 6: Accidental release measures

|  |
|--|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b><br>Wear protective clothing, wear protective breathing apparatus, follow general fire precautions indicated in the workplace. |
| <b>6.2 Environmental precautions</b><br>Do not allow product to reach sewage system or any waterways. Inform respective authorities in case of spillage into waterways or sewage system.                     |
| <b>6.3 Methods and materials for containment and cleaning up</b><br>Collect oil using appropriate absorptive substances.   |

#### Section 7: Handling and storage

|   |
|---|
| <b>7.1 Precautions for safe handling</b><br>Handle in accordance with good industrial hygiene and safety practice. Ensure good ventilation or exhaust in workplace. Do not allow contact with eyes.                     |
| <b>7.2 Conditions for safe storage, including any incompatibles</b><br>Store in tightly closed original container in a dry and cool place. <b>Avoid contact with alkaline substances, will react, and produce heat.</b> |

#### Section 8: Exposure control / personal protection

|   |
|---|
| <b>8.1 Control parameters</b><br>Not specific.<br>Vegetable oil mist – NIOSH REL: 10mg/m <sup>3</sup> TWA, OSHA PEL: 15mg/m <sup>3</sup> TWA*<br>*CDC, NIOSH Pocket Guide to Chemical Hazards |
| <b>8.2 Appropriate engineering controls</b><br>Provide appropriate exits from rooms containing material.  |
| <b>8.3 Individual protection measures, such as personal protective equipment (PPE)</b>  |

**General:** Goggles, lab coat, gloves, hairnet, dust/mist type mask recommended.

**Other protection:** For prolonged or repeated contact use suitable gloves; use approved safety goggles or face shield; wear appropriate clothing to prevent possibility of skin contact; wash at the end of each work shift and before eating, smoking, and using the toilet.

## Section 9: Physical and chemical properties

|   |  |
|---|--|
| Physical State:                               | Free flowing, liquid oil.                  |
| Appearance:                                   | Light to dark gold colored                 |
| Odor:   | Characteristic.                            |
| pH:   | NA   |
| Melting:                                      | NA   |
| Boiling Point:                                | NA   |
| Flash Point:                                  | >100°C                                     |
| Flammability:                                 | No   |
| Upper/lower flammability or explosive limits: | NA   |
| Vapor pressure:                               | NA   |
| Bulk density:                                 | NA   |
| Specific Gravity:                             | 0.935-0.945                                |
| Solubility(ies) in water 20 C:                | Insoluble in water. Soluble in other oils. |
| Decomposition temperature:                    | Not available.                             |

## Section 10: Stability and reactivity

|   |
|---|
| <b>10.1 Chemical stability</b><br>Stable under normal temperature and pressure.   |
| <b>10.2 Chemical reactivity</b><br>Does not react with water. Will generate heat in contact with lye and other alkaline substances. |
| <b>10.3 Conditions to avoid</b><br>Avoid alkaline substances.   |
| <b>10.4 Hazardous decomposition products</b><br>Not known.  |

## Section 11: Toxicological information

|  |   |
|--|---|
| <b>11.1 Substance</b>  |   |
| a) No toxic data recorded.   | No data available for acute toxicity. No data found in literature search. |
| b) Skin corrosion / irritation   | No data available for adult skin.   |
| c) Serious eye damage / irritation   | No data available.  |
| d) Respiratory or skin sensitization   | Not expected route of exposure.   |
| e) Germ cell mutagenicity  | No data available.  |
| f) Carcinogenicity   | IARC: Not classified as a human carcinogen.                               |
|  | ACGIH: Not classified as a human carcinogen.                              |
|  | NTP: Not classified as a human carcinogen.                                |
|  | OSHA: Not classified as a human carcinogen.                               |
| <b>11.2 Information on the likely routes of exposure</b><br>Skin and ingestion.  |   |
| <b>11.3 Symptoms related to the physical, chemical and toxicological characteristics</b><br>To the best of our knowledge, this is a vegetable oil and is not considered toxic. |   |
| <b>11.4 Delayed and immediate effects and also chronic affects from short and long term exposure</b><br>Not determined.  |   |
| <b>11.5 Numerical measures of toxicity (such as acute toxicity estimates)</b><br>Not determined.   |   |

|  |
|--|
| <b>11.6 Interactive effects</b><br>Interacts with alkaline substances. |
|--|

**Section 12: Ecological information**

|   |                            |
|---|----------------------------|
| <b>12.1 Info summary of Ecological information</b><br>The ingredient 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.   |                            |
| <b>12.2 Eco-toxicological properties of specific substances</b><br>See each category below for specific substances.   |                            |
| <b>12.3 Toxicity</b><br>Eco-toxicity (aquatic and terrestrial, where available):<br><br>Acute Fish Toxicity:<br>LC50 – not available.<br>LC50 – not available.<br>Toxicity to aquatic plants– not available.<br>Toxicity to microorganisms– not available.<br>Toxicity Threshold – Unknown.<br><br>Summary: Not known as toxic. |                            |
| <b>12.4 Persistence and degradability Substance</b>   | Known to be biodegradable. |
| <b>12.5 Bio-accumulative potential Substance</b>  | Not bio-accumulating.      |
| <b>12.6 Mobility in soil Substance</b>  | Unknown.                   |
| <b>12.7 Other adverse effects Substance</b>   | Unknown.                   |

**Section 13: Disposal considerations**

|  |
|--|
| <b>13.1 Disposal methods</b><br>Observe all federal, state and local environmental regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental release. This may include destructive techniques for waste and wastewater. In extreme situation, contact a licensed professional waste disposal service to dispose of this material. |
|--|

**Section 14: Transportation information**

|   |
|---|
| <b>14.1 UN Number</b><br>Not regulated.                                 |
| <b>14.2 UN Proper Shipping Name</b><br>Consumer commodity.              |
| <b>14.3 Transportation hazard class(es):</b><br>None.                   |
| <b>14.4 Packing group, if applicable</b><br>None.                       |
| <b>14.4.1 Marking requirements</b><br>Not required for retail packages. |
| <b>14.5 Environmental hazards</b>                                       |

|  |
|--|
| Substance not determined. Avoid exposure to waterways.   |
| <b>14.6 Special precautions for user</b><br>None.  |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78° and IBC Code</b><br>Not applicable. |
| <b>14.8 Additional transportation information</b><br>None known.                                     |

**Section 15: Regulatory information**

| <b>15.1 Safety, health and environmental regulations</b> |  |
|--|--|
| <b>Country/State</b>                                     | <b>Notification</b>  |
| Canada   | DSL – Domestic Substance List. Not regulated.                              |
| USA  | TSCA – Toxic Substance Control Act: all ingredients listed. Not regulated. |
| California   | Proposition 65 – Not regulated.  |

**Section 16: Other information**

| <b>Disclaimer:</b><br>The information in this Safety Data Sheet (SDS) is believed to be accurate as of the date issued. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED IS MADE CONCERNING THE ACCURACY, COMPLETENESS OR RELIABILITY OF THE INFORMATION PROVIDED HEREIN, INCLUDING BUT NOT LIMITED TO, WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR COURSE OF PERFORMANCE. The information provided relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. Since the conditions and methods of handling, storage, use and disposal of the product are beyond the control of Botanic Innovations, LLC, Botanic Innovations, LLC expressly disclaims any and all liability, loss or damage arising out of or relating to the use, storage, handling or disposal of the product or reliance on the information in this SDS. Users are cautioned to satisfy themselves as to the suitability of said information, procedures and recommendations for the purposes intended prior to use. |                            |                    |                    |
|---|----------------------------|--------------------|--------------------|
| <b>Revision / Date</b>  | <b>Revision made</b>       | <b>Prepared by</b> | <b>Reviewed by</b> |
| July 29, 2019   | Update to supplier address | H. Gerovac         | B. Rezarch         |
| June 25, 2021   | Update to Letterhead       | H. Gerovac         | B. Rezarch         |
| <b>End of SDS</b>   |                            |                    |                    |