



# Safety Data Sheet

## \*\*\* Section 1 - Product and Company Identification \*\*\*

**Material Name:** Crude Vegetable Oil

**Synonyms/Other Common Names:** Degummed Vegetable Oil, Crude and/or Degummed Soybean Oil, Crude and/or Degummed Canola Oil

**Recommended Use & Restrictions:** Food additive, Emulsifier

**Manufacturer Information:**

Bunge North America  
11720 Borman Drive  
St. Louis, MO 63146

Phone: 314-292-2000 between 7:30 AM – 5:30 PM Central Time  
Fax: 314-292-2384

**Emergency Information:**

In the event of an Emergency, contact Chemtrec at 1-800-262-8200

## \*\*\* Section 2 – Hazard(s) Identification \*\*\*

**Hazard classification:** Not a dangerous substance according to GHS. The substance does not meet the criteria for classification.

**Hazard Statement(s):** Excessive inhalation of oil mist may affect the respiratory system. Sensitive individuals may experience dermatitis after prolonged exposure of oil on the skin.

**Potential Health Effects:**

**Eyes:** None expected under anticipated use conditions. May cause irritation in sensitive individuals.

**Skin:** None expected under anticipated use conditions. May cause irritation in sensitive individuals.

**Ingestion:** None expected under anticipated use conditions. May cause irritation in sensitive individuals.

**Inhalation:** Excessive inhalation of oil mist may affect the respiratory system.

**Carcinogenicity and Reproductive Hazard:** Based on available data no evidence of carcinogenicity or reproductive toxicity

**Medical Conditions aggravated by exposure to product:** No data available

**Physical Hazards:** None expected under anticipated use conditions

**HMIS Ratings: Health: 1 Fire: 1 HMIS Reactivity 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

**Label Elements:** Not required

**Signal Word:** Not required

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component (Chemical Name & Common Name)	Concentration
120962-03-0	Canola oil	
8001-30-7	Corn oil	
8001-22-7	Soybean oil	

## \*\*\* Section 4 - First Aid Measures \*\*\*

**Eyes:** If necessary, rinse eyes with water.

**Skin:** Wash with soap and water.

**Ingestion:** None necessary.

**Inhalation:** Remove to fresh air.

**Most important symptoms/effects (acute & delayed):** Acute eye contact requires rinsing. No delayed effects anticipated.

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## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

**Extinguishing Media:** Foam, CO2 or dry chemical. Because water can spread the fire, it is advisable to avoid a direct water stream for extinguishing the fire.

**Hazardous Combustion Products:** Not Determined

**General Fire Hazards:** See Section 9 for Flammability Properties.

**Special Fire Fighting Equipment/Protective Equipment/Precautions:** Firefighters should wear full protective gear.

**NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

**Personal Precautions/Protective Equipment/Evacuation & Emergency Procedures:** Isolate area. Keep unnecessary personnel away. No special containment procedures necessary.

**Methods and Material for Containment & Clean-Up:** For small spills, add solid adsorbent, shovel into disposable container and hose down area. Do not use incompatible clay adsorbents to avoid the possibility of spontaneous combustion. Clean area with detergent. For large spills, squeegee or pump into holding container. Clean area with detergent. Dispose of in accordance with local, state, and Federal regulations. No special containment procedures necessary.

## \*\*\* Section 7 - Handling and Storage \*\*\*

**Handling Procedures:** Use appropriate protective equipment when handling hot oils.

**Storage Procedures:** Store away from flame and excessive heat. To avoid spontaneous fire, store wiping rags and similar material in UL/FM approved containers with tight fitting lids. Spilled product presents a slip hazard.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

**Exposure Limits:**

Chemical	ACGIH (TWA & Ceiling)	OSHA (PEL)	Other
Vegetable oil mist (CAS No. 68956-68-3)	As PNOS guidelines: 3 mg/m3 (respirable) 10 mg/m3 (inhalable)	TWA 15 mg/m3 (total) TWA 5 mg/m3 (respirable)	NIOSH: TWA 10 mg/m3 (total) NIOSH: TWA 5 mg/m3 (respirable)

**Engineering Controls:** Ventilation should be provided in areas where hot oil is being used.

### PERSONAL PROTECTIVE EQUIPMENT

**Eyes/Face:** Wear safety glasses; chemical goggles (if splashing is possible).

**Skin:** If handling containers of hot oil, insulated gloves and apparel may be required.

**Respiratory:** If exposed to oil mist, an appropriate NIOSH approved respirator for organic vapors may be required.

**General:** Eye wash fountain and emergency showers are recommended.

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## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

**Appearance:** Liquid, yellow-brown  
**Odor:** NA  
**Odor Threshold:** ND  
**pH:** ND  
**Melting Point/Freezing Point:** ND  
**Initial Boiling Point and Boiling Range:** NA  
**Flash point:** >250°F  
**Evaporation Rate:** ND  
**Flammability (solid/gas):** ND  
**Upper/Lower Flammability/Explosive Limits (UFL/LFL):** >1  
**Vapor Pressure:** NA  
**Vapor Density:** NA  
**Specific Gravity:** 0.85-0.95  
**Solubility(ies):** Insoluble  
**Partition Coefficient (n-octanol/water):** ND  
**Auto-ignition temperature:** ND  
**Decomposition temperature:** ND  
**Viscosity:** ND

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

**Chemical Stability:** This is a stable material.

**Possibility of Hazardous Reactions:** Will not occur

**Conditions to Avoid (e.g., static discharge, shock, or vibration):** NA

**Incompatible materials:** None

**Hazardous Decomposition products:** None

## \*\*\* Section 11 - Toxicological Information \*\*\*

**Likely routes of exposure (inhalation, ingestion, skin and eye contact):** Eyes, skin, ingestion, inhalation.

**Description of immediate, delayed or chronic effects from short or long-term exposure:** No information available for the product.

**Numerical measures of toxicity (LD 50/LC50):** No LD50/LC50's are available for this product's components.

**Corn oil (8001-30-7)**

Oral LD50 Rat: >100 mL/kg

**Description of symptoms (from lowest to most severe exposure):** Based on available data, no evidence of acute toxicity.

**Listed in NTP report on Carcinogens, or identified as potential carcinogen by IARC or OSHA:** None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

## \*\*\* Section 12 - Ecological Information \*\*\* (non-mandatory)

**Ecotoxicity**

**A. General Product Information**

**B. Component Analysis - Ecotoxicity - Aquatic Toxicity:** No ecotoxicity data are available for this product's components.

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## \*\*\* Section 13 - Disposal Considerations \*\*\* (non-mandatory)

**US EPA Waste Number & Descriptions:** No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions:** All wastes must be handled in accordance with local, state and federal regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

## \*\*\* Section 14 - Transportation Information \*\*\* (non-mandatory)

**US DOT Information:** Not Regulated

## \*\*\* Section 15 - Regulatory Information \*\*\* (non-mandatory)

**US Federal Regulations (EPA, DOT, OSHA, CPSC):** None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

### State/Provincial Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Soybean oil	8001-22-7	No	No	No	No	Yes	Yes
Linseed oil	8001-26-1	No	No	No	No	Yes	Yes
Corn oil	8001-30-7	No	No	No	No	Yes	Yes

### Additional Regulatory Information

#### Component Analysis – Inventory

Component	CAS #	TSCA	CAN	EEC
Canola oil	120962-03-0	Yes	DSL	No
Soybean oil	8001-22-7	Yes	DSL	EINECS
Linseed oil	8001-26-1	Yes	DSL	EINECS
Corn oil	8001-30-7	Yes	DSL	EINECS

## \*\*\* Section 16 - Other Information \*\*\*

### Other Information

Bunge believes, to the best of its knowledge, that the information contained herein is accurate as of the date hereof. However, as the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. MOREOVER, NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREIN AS TO THE INFORMATION PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS. The health and safety precautions contained herein may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely. Users should satisfy themselves that they have all current data relevant to their particular use and that their activities comply with all applicable laws.

### Key/Legend

NA - Not Applicable  
ND - Not Determined  
ACGIH - American Conference of Governmental Industrial Hygienists  
OSHA - Occupational Safety and Health Administration  
TLV - Threshold Limit Value  
PEL - Permissible Exposure Limit  
TWA - Time Weighted Average  
STEL - Short Term Exposure Limit  
NTP - National Toxicology Program  
IARC - International Agency for Research on Cancer

**Revision Date:** 6/5/2017

**Prepared by:** Rick Hendricks