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## MATERIAL SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT INFORMATION

**PRODUCT NAME:** Agri-Pure 80

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>WEIGHT %</u>	<u>CAS#</u>	<u>OSHA-PEL TWA</u>	<u>ACGIH-TLV TWA</u>
Sunflower oil, oleic acid high	100	164250-88-8	Vegetable oil mist – 15 mg/m <sup>3</sup> (total particulate); 5 mg/m <sup>3</sup> (respirable particulate)	Vegetable oil mist – 10 mg/m <sup>3</sup>

### SECTION 3: HAZARDS IDENTIFICATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

HEALTH:	0
FLAMMABILITY:	1
REACTIVITY:	0

Acute Effects: **EYES:** Contact may cause mild eye irritation including stinging, watering, and redness.

**SKIN:** Contact may cause mild skin irritation including redness, burning, and drying and cracking of the skin.

**INHALATION (Breathing):** Vapors may irritate the mucous membranes and cause irritation, dizziness and nausea.

**INGESTION:** No hazards anticipated from incidental industrial exposure.

Chronic Effects: Not Available. None of the components in this product are listed by IARC, NTP or OSHA as a carcinogen.

### SECTION 4: FIRST AID MEASURES

**EYE CONTACT:** If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water for at least 15 minutes. If symptoms persist, seek medical attention.

**SKIN CONTACT:** Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

**INHALATION:** If respiratory symptoms develop or breathing becomes difficult, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention.

**INGESTION:** If the material is swallowed, give water to drink. Never give anything by mouth to a victim who is unconscious. Contact the local poison control center. Seek medical attention.



## SECTION 5: FIRE FIGHTING MEASURES

**FLASHPOINT:** >500°F, Cleveland Open Cup Method  
**AUTOIGNITION TEMPERATURE:** Not Available  
**MINIMUM EXPLOSIVE CONCENTRATION:** Not Available

**EXTINGUISHING MEDIA:** Use water, dry chemical or chemical foam  
**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide and aldehydes.  
**PROTECTIVE EQUIPMENT:** The use of NIOSH/MSHA approved self-contained breathing apparatus is recommended for fire fighters.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED:** Evacuate all non-essential personnel. Ventilate the area. Equip employees with appropriate personal protective equipment. Absorb with an inert material. Use non-sparking tools to shovel spilled material into a container. Remove containers to a safe area and seal. Wash hard surfaces with copious amounts of water to remove remaining material.

## SECTION 7: HANDLING AND STORAGE

**HANDLING:** Avoid direct eye contact and breathing vapors. Use with proper personal protective equipment.  
**STORAGE:** Store upright in a well-ventilated area out of direct sunlight. Keep containers tightly closed at all times. This product should be handled and stored per label instructions to ensure product integrity. Do not reuse container. Store away from strong oxidizers. Keep away from heat, sparks and flame. Keep out of reach of children.

## SECTION 8: ENGINEERING CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

**ENGINEERING CONTROLS:** Mechanical ventilation is required.  
**RESPIRATORY:** In processes where airborne particulates may be generated in sufficient quantities to exceed occupational exposure limits, a NIOSH approved respirator is advised in the absence of proper environmental controls.  
**EYE PROTECTION:** Wear safety glasses with side shields or goggles.  
**SKIN:** Chemical resistant or neoprene gloves  
**OTHER PROTECTIVE EQUIPMENT:** Eye wash and safety shower

## SECTION 9: PHYSICAL CHEMICAL PARAMETERS

**BOILING POINT:** No Data Available  
**MELTING POINT:** No Data Available  
**VAPOR DENSITY (air=1):** >1  
**SPECIFIC GRAVITY (water =1):** 0.900-0.920  
**SOLUBILITY IN WATER:** negligible, less than 5%  
**APPEARANCE AND ODOR:** yellow to amber liquid, mild vegetable oil odor



## SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** Stable

**INCOMPATIBILITIES/MATERIALS AND CONDITIONS TO AVOID:** Strong oxidizers

**HAZARDOUS POLYMERIZATION:** Has not been reported.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide and aldehydes.

## SECTION 11: TOXICOLOGICAL INFORMATION

**MEDICAL CONDITIONS THAT MAY BE AGGRAVATED BY EXPOSURE:** Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions.

**CARCINOGENS:** None of the components of this material are listed by IARC, NTP or OSHA as a carcinogen

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** No definitive information available on environmental impact if product is released to the environment. Prevent contamination of ground and surface water.

## SECTION 13: DISPOSAL INFORMATION

**DISPOSAL COMMENTS:** Dispose of in accordance with local, state and federal regulations.

The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

## SECTION 14: TRANSPORT INFORMATION

Not Regulated by the Department of Transportation (DOT) as a Hazardous Material.

**DOT SHIPPING NAME:** Not Applicable

**UN NUMBER:** Not Applicable

**HAZARD CLASS:** Not Applicable

**PACKING GROUP:** Not Applicable

## SECTION 15: REGULATORY INFORMATION

### **INVENTORY STATUS**

**TOXIC SUBSTANCE CONTROL ACT (TSCA):** All components of this product are currently listed on the TSCA Inventory.

### **FEDERAL REGULATIONS**

**CERCLA (Comprehensive Environmental Response, Compensation and Liability) REPORTABLE**

**QUANTITIES:** Not Regulated

### **SARA TITLE III (Superfund Amendments and Reauthorization Act)**

**Section 302 Extremely Hazardous Materials:** Not Regulated

**Section 304 Notification of Accidental Release:** Not Regulated

**Sections 311/312 Hazard Categories: Immediate (Acute) Health Effects:** No

**Delayed (Chronic) Health Effects:** No

**Fire Hazard:** No

**Sudden Release of Pressure Hazard:** No

**Reactivity Hazard:** No



**Section 313 Toxic Chemical Release Reporting:** Not Regulated

**STATE RIGHT-TO-KNOW REGULATIONS**

**CALIFORNIA PROPOSITION 65:** – Components present in this material which the State of California has found to cause cancer, birth defects or other reproductive harm are as follows:

<u>Chemical Name</u>	<u>Typical Maximum Concentration</u>
None	

**SECTION 16: OTHER INFORMATION**

The above information was obtained from sources, which we believe are reliable. However, no representation, warranty or guarantee of any kind, expressed or implied, is made to its accuracy, reliability or completeness. Cargill, Incorporated expressly disclaims liability and shall not be held liable for any loss, damage or expense resulting from handling, storage, disposal or use of this product.

This MSDS replaces all previous versions for this product.

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