



SAFETY DATA SHEET

Section 1: Company and Product Identification

Product Name:	FGVO™	General Product Description:
Product Code:	AC-FGVOIBC	FGVO is food grade vegetable oil packaged for use in seed treating process to reduce residue build-up on equipment and reduce seed set following treatment.
Company:	Agrilead, Inc. 441 E. Lucas Street Russell, KS 67665 PH: 785-483-5000	
Emergency Response:	INFOTRAC 800-535-5053	

Section 2: Hazards Identification

OSHA/HCS STATUS: This product is NOT classified as hazardous according to 29 CFR 1910, amended to conform to the United Nation's Globally Harmonized System of Classification and Labelling of Chemicals (OSHA/GHS); SOR/88-66; the Canadian Controlled Products Regulations (CPR); and/or NOM-002-SCT-2003 (Mexico). However, vegetable oil (in mist form) is known to be listed as an OSHA 29 CFR 1910.1000 Air Contaminant. Occupational exposure limits are subsequently provided in section 8 of this SDS.

Hazard Pictograms: Not Applicable

Signal Word: Not Applicable **Note:** a CAUTION signal word is included on the package label as good measure to keep product out of reach of children.

Hazard Category: Non-classified

Precautionary Statements: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Hazards not otherwise classified: Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper, and clothing. Place soaked materials in a sealed, metal container to prevent this. The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 3: Composition / Information on Ingredients

Ingredient Name	Cas #	%
Soybean oil	8001-22-7	99-100

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Section 4: First Aid Measures

General Info: No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.

Potential acute health effects: **Eye Contact:** Not expected to pose health issues for the eye. **Inhalation:** Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation. **Skin Contact:** Prolonged or excessive contact with the skin may result in mild irritation, however, significant health injuries are not expected under normal use. **Ingestion:** Health injuries are not known or expected under normal use. Over exposure may cause gastrointestinal disturbance.

FIRST AID If ingested: No special measures required. Health injuries are not expected under normal use.

FIRST AID If inhaled: Move to fresh air.

FIRST AID Eye contact: Rinse thoroughly with plenty of water, also under the eyelids.

FIRST AID Skin contact: Wash off with warm water and soap.

Note to Physician: Treat symptomatically.

Section 5: Fire Fighting Measures

General Info: Material may pose fire hazard because it is dispersed (or spread) by water.

Extinguishing Method / Equipment: **Suitable Extinguishing Media:** Dry chemical. Dry chemical powder. Carbon dioxide (CO₂). Foam. Sand. Fog. Use extinguishing measure that are appropriate to local circumstances and the surrounding environment. **Unsuitable Extinguishing media:** DO NOT USE a solid water stream as it may scatter and spread the fire.

Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazardous Decomposition Info: Thermal decomposition can lead to the release of irritating gases and vapors. Arcolein, Carbon monoxide (CO), Carbon Dioxide (CO₂) smoke, and fumes.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Avoid high pressure washing or generation of aerosols. Material can create slippery conditions.

Containment Equipment and Procedures: Dam up. Soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers. Clean contaminated surface thoroughly.

Large Spills: Prevent entry into sewers, water courses, basements or confined areas. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7: Handling and Storage

Safe Handling Precautions: Put on appropriate personal protective equipment (see Section 8). Ensure adequate ventilation, keep away from open flames, hot surfaces and sources of ignition.

Recommendations for Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Incompatibilities: No specific data available.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls: Use only with adequate ventilation. Apply technical measures to comply with the occupational exposure limits. Handle in accordance with good industrial hygiene and safety practice.

Work Clothing: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Oil resistant gloves are recommended.

Eye/face protection: If contact is possible through splashing or mist, the following protection should be worn: safety glasses with side shields.

Skin Protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection: In case of mist, spray, or aerosol exposure wear suitable personal respiratory protection.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Substances with Exposure Limits	Exposure Limits
Vegetable Oil Mist	ACGIH TLV: 10 mg/m ³ OSHA PEL: TWA: 5 mg/m³ mist, respirable fraction. TWA: 15 mg/m³ mist total. MEXICO: TWA: TWA: 10 mg/m ³ except irritant oils. NIOSH: TWA: 5 mg/m ³ respirable mist. TWA: 10 mg/m ³ total mist.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Melting Point:	-20 degree C / -4 degree F
Color:	Light yellow	Boiling Point/Range:	Not available
Oder:	Slight Vegetable Oil	pH:	Not available
Specific Gravity:	0.90 (H ₂ O=1)	Flash Point:	321 degree C / 610 degree F
Solubility:	Insoluble in water Soluble in many solvents	Lower Flam Limits:	Not tested

Section 10: Stability and Reactivity

- Stability/Reactivity:** Stable under normal conditions.
- Possibility of hazardous reactions:** None under normal processing.
- Incompatible materials:** No materials to be especially mentioned.
- Decomposition products:** Thermal decomposition can lead to the release of irritating gases and vapors. Arcolein, Carbon monoxide (CO), Carbon Dioxide (CO₂) smoke, and fumes.

Section 11: Toxicological Information

Toxicological Information (contained substances)

Hazardous substance (name)	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-

Acute Toxicity (Conclusion/Summary): No known significant effects or critical hazards.

Potential Acute Health Effects: **Eye Contact:** Not expected to pose health issues for the eye. **Inhalation:** When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation. **Skin Contact:** prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use. **Ingestion:** Health injuries are not known or expected under normal use. Over exposure may cause gastrointestinal disturbance.

Section 12: Ecological Information

Ecotoxicity: Not classified for aquatic toxicity.

Persistence/Degradability, Mobility: Readily biodegradable. The product is insoluble and floats on water.

Section 13: Disposal Information

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers to help prevent combustion. Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.

Section 14: Transport Information

FGVO is North America OSHA/GHS and WHMIS Compliant and not regulated in the USA, Canada, or Mexico.

Section 15: Regulatory Information

TSCA:	All components are listed on the TSCA inventory.
SARA 313	None identified
Canadian DSL:	All substances in product are listed or exempted.
CERCLA/SARA 103-302:	This product is not known to contain any chemical which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 103-302.
SARA 311-312 Hazards Categorization:	No Acute Health, Chronic Health, Fire Hazard, Sudden Release of Pressure Hazard, or Reactive Hazard.
Clean Air Act Section 112 Hazardous Air Pollutants (HAPs):	This product is not known to contain any HAPS.
California Proposition 65:	Proposition 65 chemicals are not expected to be found in this product above those naturally present in their agricultural source.

Section 16: Other Information

National Fire Protection Association (U.S.A.)

0 - Health
0 - Special
0 - Instability/Reactivity
1 - Flammability

SDS Author: Agrilead Regulatory Manager

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