

Hazard Communication Safety Data Sheet

Section 1 Product and Company Identification

PRODUCT:

- Product Name: Organic Anti-Spatter Fluid
- Product Description: Anti-spatter liquid to help prevent MIG welding spatter build up.
- Product Part Numbers: 192.9007, 192.9012, 192.9017
- Intended Use: Industrial Use Only; for coating the Nozzle & related areas of MIG Welding Products.

COMPANY IDENTIFICATION:

ABICOR Binzel USA & Canada
650 Medimmune Court Suite 110
Frederick, MD 21703
Tel: 800-542-4867
Fax: 301-846-4497

Section 2 Hazards Identification

Classification of product:

- This product is NOT classified as hazardous according to 29 CFR 1910 regulatory guidelines.
- This product conforms to the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (OSHA/GHS), the Canadian Controlled Products Regulations (CPR) and NOM-002-SCT-2003 (Mexico). Because this product is made from vegetable oils; in mist form is known to be listed as an OSHA 29 CFR 1910.1000 Air Contaminant. Exposure limits are provided in Section 8.

GHS Label Elements:

- Hazard pictograms – None required
- Signal Word – None required
- Hazard statements – None required

Emergency Overview:

- Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper products, and clothing. Place oil soaked materials in a sealed, metal container to prevent this. There are no ingredients in this product, at their given concentrations, which are considered to be a health hazard when this product is used as intended.

HMIS rating: Health=0, Fire=1, Reactivity=0, Personal Protection=A

Section 3 Composition/Information on Ingredients

Substance or Mixture: Mixture

Hazardous Ingredients: None

| Name | CAS Registry Number | Percent |
|----------------------|---------------------|---------|
| Oleic Glyceride | 112-80-1 | ~51 |
| Linolek Glyceride | 60-33-3 | ~31 |
| Palmitic Glyceride | 57-10-3 | ~12 |
| Stearic Glyceride | 57-11-4 | ~2% |
| Behenic Glyceride | 112-85-6 | ~2% |
| Lignoceric Glyceride | 557-59-5 | <1% |
| Arachidil Glyceride | 506-30-9 | <1% |

Hazard Communication Safety Data Sheet

Section 4 First-aid measures

Description of First Aid measures:

General: No hazards which require special first aid measures. In all cases of doubt or when symptoms persist, always seek medical advice.

Eye Contact: Rinse thoroughly with plenty of water, including under the eye lids. If irritation occurs get medical assistance.

Skin Contact: Wash off with soap and warm water.

Inhalation: Move to fresh air.

Ingestion: No special measures required. Health injuries are not known or expected when used as intended.

Important symptoms and affects, both acute and delayed:

Eyes: Not expected to pose health issues for the eye.

Skin: Mild irritation may occur from prolonged or excessive contact with skin; however significant health injures are not expected.

Inhalation: Health injuries are not known or expected when product is used as intended. Refer to Section 8 for expose limits pertaining to vegetable oil mist.

Ingestion: Health injuries are not known or expected when product is used as intended.

Indication of any immediate medical attention and special treatment needed:

Notes to Physician: Treat symptomatically.

Section 5 Fire-fighting measures

Extinguishing Media:

- Dry Chemical, Carbon Dioxide (CO₂), Foam, or Sand. Extinguishing media must be compatible with the surrounding environment.
- Avoid extinguishing with water, because this product may scatter or spread by water!

Hazardous Combustion:

- Burning can lead to the release of Carbon Monoxide and other Hazardous Gases and Vapors and Acrolein.
- Risk of ignition; rags and other materials containing this product. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water.
- Do not store product near heat sources.

Protective Measures:

- Fire fighters should wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear.
- Product is combustible above 600° F.

NFPA ratings: Health=0, Fire=1, Reactivity=0

Section 6 Accidental release measures

Personal Precaution in Spill:

- Product can create a slipping hazard.
- Avoid high pressure washing and air systems. Do not allow the generation of aerosols.
- Avoid direct contact with skin, eyes and clothing.

Precautions to Protect Environment:

- Prevent further leakage or spillage when safe to do so. Prevent contamination of soil, drains (including sewage systems) and surface water.

CONTINUED NEXT PAGE

Hazard Communication Safety Data Sheet

Methods for Clean-up:

- Dam up and then soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers. Clean contaminated surface thoroughly. Collected oil soaked materials must be stored properly (metal containers with air tight lids) as oil soaked materials may spontaneously combust.

Section 7 Handling and Storage

Handling:

- Ensure adequate ventilation.
- Do not use pressure to empty drums.

Storage:

- Keep product in a cool sheltered place away from heat and direct sunlight.

Section 8 Exposure controls/personal protection

Exposure Limit Values:

| Airborne Mist Exposure Limits: | | | |
|--|---------------------------|--|---|
| Material Name | ACGIH TLV | OSHA PEL | NIOSH |
| Vegetable oils mist | TVL: 10 mg/m ³ | TWA: 5 mg/m ³ mist, respirable fraction TWA: 15 mg/m ³ mist total | TWA: 10 mg/m ³ total mist TWA: 5mg/m ³ |
| Limits shown for guidance only. Follow applicable regulations. | | | |

Engineering Measures:

- Ensure adequate ventilation, especially in confined areas.
- No special requirements under intended conditions of use and with adequate ventilation.

General Hygiene Considerations:

- Always observe good personal hygiene measures, such as washing after handling the product and before eating, drinking and/or smoking.

Personal Protective Equipment:

- Eye: Safety glasses with side shields and if there is any chance of splash back, wear goggles.
- Skin Protection: Oil resistant gloves are recommended.

Section 9 Physical and Chemical Properties

Appearance: Liquid with a light pale yellow color.

Odor: Slight vegetable oil.

pH: No applicable

Flash Point: 600° F

Auto-ignition Temperature: Not auto-flammable

Boiling Point: Not applicable.

Melting or Freezing Point: No information available, but product will begin to harden at cooler temperatures.

Oxidizing Properties: Not expected to be oxidizing.

Water Solubility: Insoluble

Solubility: Soluble in many organic solvents.

Evaporation Rate: No information available.

Vapor Pressure: Not available.

Decomposition Temperature: No information available.

Hazard Communication Safety Data Sheet

Section 10 Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to Avoid: Keep away from open flames and hot surfaces.

Incompatible Materials: None known when used as intended.

Hazardous Decomposition Products: Thermal decomposition leads to formation of Acrolein, Carbon Monoxide (CO), Carbon dioxide (CO₂), Smoke and Fumes.

Section 11 Toxicological information

Information on Toxicological effects, based on available data:

- **Acute Toxicity:** No evidence of acute toxicity.
- **Serious Eye Damage or Eye Irritation:** No evidence of serious eye damage or irritation.
- **Skin corrosion or irritation:** None or only slight irritation.
- **Respiratory or Skin Sensitization:** Not expected to be a skin or respiratory sensitizer.
- **Aspiration Hazard:** No known aspiration hazard.
- **Carcinogenicity:** No evidence of carcinogenicity.
- **Reproductive Toxicity:** No evidence of reproductive toxicity.
- **Germ Cell Mutagenicity:** The classification criteria are not met.
- **Specific Target Organ Toxicity – single exposure:** The classification criteria are not met.
- **Specific Target Organ Toxicity – repeated exposure:** The classification criteria are not met.

Potential Health effects:

- **Eyes:** Not expected to pose health issues for the eye.
- **Skin:** Prolonged or excessive contact with skin may result in mild irritation; however, significant health injuries are not expected when product is used as intended as stated in Section 1 of this SDS.
- **Inhalation:** Health injuries are not known or expected when product is used as intended. When used in the form of an airborne mist, refer to Section 8 of this SDS, for exposure limits pertaining to vegetable oil mist. *Excessive inhalation of mist may result in respiration irritation.*
- **Ingestion:** Health injuries are not known or expected when product is used as intended.

Section 12 Ecological information

Ecotoxicity: Not classified for aquatic toxicity.

Persistence/Degradability: Readily biodegradable

Mobility: This product is insoluble and floats on water.

Section 13 Disposal considerations

Waste Disposal methods based only on the product supplied.

- Dispose of in compliance with the laws and regulations pertaining to plant oils (triglycerides) in your jurisdiction.
- Containers can be recycled in compliance with the laws and regulations in your jurisdiction.

Section 14 Transport information

Domestic transport regulations USA – DOT: Not regulated.

Domestic transport regulations Canada – TDG: Not regulated.

International transport regulations – IMDG: Not regulated.

International transport regulations – IATA: Not regulated.

Hazard Communication Safety Data Sheet

Section 15 Regulatory information

This product is not considered hazardous in accordance with OSHA Hazard Communication 2012, 29 CFR 1910.1200.

USA Federal Regulations:

- Ozone Depleting Substances: No Class I or Class II materials are known to be used in the manufacture of, or contained in this product.
- SARA 313 of Title III, Toxic Chemical Release Reporting Requirements: This product does not contain any known chemicals subject to the reporting requirements of the SARA 313 Toxic Release Program or regulations contained in 40 CFR 372.
- SARA 311/312 Hazard Categories: NONE
- CERCLA/SARA 103-302 of Title III: This product is not known to contain any chemicals subject to the reporting requirements of the Act or regulations contained in 40 CFR 103-302.
- Clean Air Act, Section 112 Hazardous Pollutants (HAPs) (see 40 CFR 63): This product is not known to contain any HAPs
- California Proposition 65: There is no significant risk within the meaning of Proposition 65.

Canada:

- WHMIS Ingredient Disclosure List IDL: No known components are listed on the WHMIS ingredients disclosure list.
- Canadian National Pollutant Release Inventory (NPRI): No known components are listed on the NPRI.

Section 16 Other information

Prepared by: ABICOR Binzel (G.Y.)

Revision Date: May 12, 2016

Conforms to U.S.A. OSHA 1910.1200; HAZCOM 2012, SDS, GHS

Conforms to Canada's WHMIS requirements.

The information and recommendations contained herein are to the best of ABICOR Binzel's knowledge and belief, accurate and reliable as of the date issued.