



## IOI Loders Croklaan

24708 W Durkee Rd  
Channahon, IL, USA, 60410

P: 815-730-5200  
F: 815-730-5202  
W: [www.ioiloders.com](http://www.ioiloders.com)

### SAFETY DATA SHEET (SDS)

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#### SECTION I: IDENTIFICATION

**PRODUCTS:** Shortening, Fats, or Oil Mixture of fatty acid, triglycerides of vegetable origin.

**MANUFACTURER:** Loders Croklaan

**ADDRESS:** 24708 W. Durkee Road Channahon, Illinois 60410

**TELEPHONE:** (815)730-5200; (815)730-5394 (24 Hour)

**Use of substance:** Food Ingredient

**DATE:** January, 2017

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#### SECTION II – HAZARD IDENTIFICATION

Not a hazardous substance. Shortening, fats, or oils are considered a food product and are GRAS under the Food Drug and Cosmetic Act.

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#### SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS

All ingredients are FDA GRAS. No food ingredients are hazardous according to OSHA criteria.

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#### SECTION IV - FIRST AID MEASURES

Inhalation	Move to fresh air in case of accidental inhalation of vapors or decomposition products.
Skin contact	Wash off with soap and plenty of water.
Eye contact	Flush eyes with water or special eyewash solution.
If swallowed	Ingestion of edible vegetable oil is nontoxic and should pass through the system.



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### SECTION V - FIREFIGHTING MEASURES

Conditions of flammability	Materials may pose fire hazard.
Suitable extinguishing media	Alcohol resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding area.
Protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Specific hazards arising from the Chemical Oil	Risk of ignition. Rags and other materials containing this product may heat up and spontaneously ignite if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray. Avoid hot oil; if smoking occurs during application reduce or remove from heat.
Hazardous combustion products	Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.
NFPA Health	0
NFPA Stability and Reactivity	0
NFPA Flammability	1
NFPA Physical Hazard	0

### SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Protection	Avoid breathing vapors, mist or gas.
Environmental Precautions	Prevent further leakage or spillage. Do not allow product to reach soil, sewage or any water sources. Dispose per local, state, and federal regulations.
Methods and materials for containment and cleaning up	Keep in suitable, closed containers for disposal. Dispose of rags used in clean up. Remember oil soaked rags or partially cleaned materials may spontaneously combust.



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### SECTION VII - HANDLING AND STORAGE

Conditions for safe storage	Ensure adequate dry, well ventilated storage area. Clean up any spillage to avoid accidents immediately.
Combustible conditions	Keep away from open flames, hot surfaces and sources of ignition.

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### SECTION VIII - CONTROL MEASURES AND INFORMATION

Occupational exposure limit values	Contains no substances with occupational exposure limited values.
PPE:	
Respiratory protection	Respiratory protection not required. For nuisance exposures use type OV/AG or type ABEK respiratory cartridges.
Hand protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (USA) and EN 166 (EU). Oil in eye must be flushed with water or special first aid eye wash continuously.
Skin and Body protection	Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hygiene measures	Good industrial hygiene practices.





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### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

pH	NA
Specific gravity (H2O = 1)	0.698 -0.921 (Liquid)
Melt point	3.2°F to 167°F (varies)
Smoke point	>400°F (234°C)
Flash point	>500°F (260°C)
Auto-ignition	Not auto flammable
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	NA
Boiling point	>300°C @ 0.05 mm Hg
Water solubility	Insoluble

### SECTION X - STABILITY AND REACTIVITY

Edible fats and oils are stable. No known incompatible compounds of reactivity.

### SECTION XI - TOXICOLOGICAL INFORMATION

Acute toxicity	Oral: LD50 no data available. Inhalation: LC50 no data available. Dermal: LD50 no data available.
Skin corrosion	No data available.
Serious eye damage	No data available.
Respiratory or skin sensitization	No data available.
Carcinogenicity OSHA	No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed carcinogenic by OSHA.
Reproductive toxicity	No data available.
Teratogenicity	No data available.
Specific target organ toxicity	No data available.
Aspiration hazard	No data available.
Potential health effects	Inhalation: May be harmful if inhaled. Ingestion: The material is a non hazardous food ingredient. Skin: May be harmful if absorbed through skin. Eyes: May cause eye irritation.



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### SECTION XII – ECOLOGICAL INFORMATION

Contains no substances known to be hazardous to the environment. Contains no substances known to be not degradable in waste treatment facilities.

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### SECTION XIII – DISPOSAL CONSIDERATIONS

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.

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### SECTION XIV – TRANSPORT INFORMATION

Not regulated; Not dangerous goods.

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### SECTION XV – REGULATORY INFORMATION

No known OSHA hazards.

This product does not contain any chemicals known to the State of California to cause birth defects or other reproductive harm.

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### SECTION XV – OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification either expressed or implied. The information is related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, express or implied, regarding its correctness or accuracy. Since the conditions of use handling, storage and disposal of this product are beyond our control; it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or exposure due to improper use of this product.

## Univar USA Inc Safety Data Sheet

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For Additional Information contact SDS Coordinator during business hours, Pacific time: (425) 889-3400

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## Univar USA Inc Safety Data Sheet

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SDS No:

Version No:

Order No:

3075 Highland Pkwy, Ste 200, Downers Grove, IL 60515  
(425) 889 3400

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### Emergency Assistance

For emergency assistance involving chemicals call  
Chemtrec - (800) 424-9300