

**SAFETY DATA SHEET FISSION HSOC
HIGH SURFACTANT OIL CONCENTRATE**

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME: FISSION HSOC
HIGH SURFACTANT OIL CONCENTRATE**

DATE: 28 April 2021

REPLACES DATE: New

ADDRESS: Norder Supply, Inc.
136 E. Main St.
Bruning, NE 68322-0010

**FOR CHEMICAL EMERGENCY OR INGESTION 24/7 CALL INFOTRAC (USA) 1-800-535-5053
FOR INTERNATIONAL CALL COLLECT 1-352-323-3500**

SECTION II - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Contact with liquid may irritate the eyes, irritate the skin and the respiratory tract with repeated or prolonged exposure. Avoid contact with strong oxidizing agents.

HAZARD STATEMENTS:

Physical hazard statements:

H227- Combustible liquid.

Health hazard statements:

H227-Combustible liquid.

H303-May be harmful if swallowed

H316-Causes mild skin irritation.

H320-Causes eye irritation

H335-May cause respiratory irritation.

Environmental hazard statements:

H302-Harmful to aquatic life.

Precautionary statements:

General

P102-Keep out of reach of children

P103-Read label before use.

Prevention

P202-Do not handle until all safety precautions have been read and understood.

P262-Do not get in eyes, on skin or on clothing.

P270-Do not eat, drink or smoke when using this product.

P273-Avoid release to the environment.

P281-Use personal protective equipment as required.

Response

P314-Get medical advice/attention if you feel unwell.

P331-Do Not induce vomiting.

P341-If breathing difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P350-Gently wash with plenty of soap and water.

P363-Wash contaminated clothing before reuse.

Storage

P402-Store in a well-ventilated place.

ROUTES OF ENTRY: Inhalation, skin contact, eye contact, ingestion.

CARCINOGENICITY: Methanol.

**SAFETY DATA SHEET FISSION HSCO
HIGH SURFACTANT CONCENTRATE**

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	EINECS #	%
Glycerin	56-81-5	200-289-5	>75
Surfactant blend	Prop.	Prop.	>15
Free Fatty acids	112-86-7	204-011-3	>8
Methanol	67-56-1	200-659-6	<0.5
Water	7732-18-5	215-185-5	Balance

SECTION IV - FIRST AID MEASURES

INHALATION: Move to an area free from risk of further exposure. Symptomatic treatment if required. No adverse effects anticipated by this route of exposure incidental to proper handling.

EYE CONTACT: Flush with clean, raising upper and lower eyelids with lukewarm water at low pressure for 15 minutes. Seek medical attention if no relief.

SKIN CONTACT: Wash affected areas with soap and water. Launder clothing before reuse.

INGESTION: Do not induce vomiting. Seek medical attention immediately. If vomiting occurs; lower head to minimize entry into throat and lungs.

SECTION V - FIREFIGHTING MEASURES

FLASHPOINT AND METHOD: 266°F (130°C)

EXTINGUISHING METHOD: Use the method suitable for surrounding fire; water fog, foam, carbon dioxide and dry chemicals.

FIRE OR EXPLOSION HAZARDS: This material may decompose at very high temperatures to form oxides of carbon.

SPECIAL FIREFIGHTING PROCEDURES: Keep upwind of fire. Full emergency equipment with self-contained breathing apparatus and full protective clothing worn by firefighters.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Wear PPE. Contain the liquid and avoid breathing liquid mists. Absorb the liquid spill with an inert material, sweep and pick up to transfer to a container that can be field applied per label directions if allowed by local and state regulations.

Finish cleaning the area by small amounts of water on the spill area and absorb with inert materials and transfer to the above-mentioned container.

If product is spilled in the inland waterways or streams in the USA; contact US Coast Guard National Response Center toll free number 800-424-8802.

SECTION VII - HANDLING AND STORAGE

STORAGE TEMPERATURE: May be affected by high temperature. Keep above 32°F (0°C)

SPECIAL SENSITIVITY: None.

HANDLING AND STORAGE PRECAUTIONS: Avoid breathing liquid mists. Avoid eye contact! Keep in cool dry area. Provide a cool well-ventilated area. Use normal safety procedures and good personal hygiene. Keep out of reach of children. Absorb liquid spill with inert material that may be field applied per the label use.

**SAFETY DATA SHEET FISSION HSCO
HIGH SURFACTANT CONCENTRATE**

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA TWA permissible exposure limit=Methanol, 260 mg/m³

EYE PROTECTION: Use safety glasses if there is potential for exposure to mist particles that can cause mechanical injury to the eyes. Maintain eyes wash and drench station near mixing and loading site.

SKIN PROTECTION: Wear impervious clothing, rubber boots, hat and chemical-resistant gloves.

RESPIRATORY PROTECTION: In moist and misty atmospheres, use a respirator approved for mists. In extreme conditions wear supplied air or air supplied respirator for ammonia.

ENGINEERING CONTROLS: Product is normally used out of doors; however, if indoor use is required, good general ventilation should be sufficient for most conditions.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Liquid

Gray brown viscous liquid.

SPECIFIC GRAVITY: >1.2

COLOR:

ODOR: Fatty

FLASH POINT: 266°F (130°C)

SECTION X - REACTIVITY

STABILITY: This product is stable material under normal conditions of storage and handling.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBLES: Avoid contact with strong oxidizing agents.

DECOMPOSITION PRODUCTS: Material will burn. Carbon oxides.

SECTION XI - TOXICOLOGICAL

The significant routes of exposure are eyes, skin, inhalation and ingestion.

Exposure may cause headache, stomach pains, vomiting and diarrhea.

SECTION XII - ECOLOGICAL INFORMATION

Please keep this product out of the waterways.

SECTION XIII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This material is a surfactant and may be disposed of by applying to soil in accordance with manufacturer's recommendations and approval of local and state regulatory agencies.

SECTION XIV - TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not Regulated

SHIPPING NAME: Fission HSOC

DOT HAZARD CLASS: None

DOT LABEL: None

DOT PLACARD: None

UN/NA NUMBER: None

**SAFETY DATA SHEET FISSION HSCO
HIGH SURFACTANT CONCENTRATE**

SECTION XV - REGULATORY INFORMATION

OSHA STATUS: This product is combustible.
CERCLA REPORTABLE QUANTITY: Methanol is regulated under CERCLA.
CALIFORNIA PROPOSITION 65: Methanol.
Right to Know: Glycerin is listed in MA, NJ and PA. Methanol is listed in MA, MN, NJ, NY and PA.
SARA HAZARD NOTIFICATION/REPORTING
IMMEDIATE Y **FIRE** Y **SUDDEN RELEASE OF PRESSURE** N
DELAYED Y **REACTIVE** N
TSCA STATUS: Free fatty acid is listed on the TSCA active list.

SECTION XVI – OTHER INFORMATION/APPROVALS

**National Fire Protection Association (NFPA)
Hazardous Materials Identification System (HMIS)**

		NFPA		HMIS	
			0 Least		
		2 Health	1 Slight	2	Health
		1 Flammability	2 Moderate	1	Flammability
		0 Instability	3 High	0	Reactivity
			4 Severe	E	PPE
Health	4 Deadly	3 Extreme Danger	2 Dangerous	1 Slight hazard	0 No hazard
Fire	4 < 73 °C	3 < 100 °C	2 < 200 °C	1 >200 °C	0 Will not burn
Reactivity/ Instability	4 May detonate	3 Explosive	2 Unstable	1 Normally stable	0 Stable

REASON FOR ISSUE: This is a new SDS.

REVIEW DATE: 30 April 2021

PREPARED BY: Dennis Belau

REVIEWED BY: Regulatory Department

This information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Norder Supply, Inc. be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, how so ever arising, even if Norder Supply, Inc. has been advised of the possibility of such damages