FARMERS FIRST™

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification:	**IN-Cert HighSurf MSO**
Supplier:	Generic Crop Science, LLC
Address:	1887 Whitney Mesa Drive #9740 Henderson, NV 89014-2069
Website:	www.fbn.com
Product Use:	High Surfactant Oil Concentrate
Application Method:	See label
Emergency telephone number:	Chemtrec Information 24 hours: (800) 424-9300
Customer Service, call:	(844) 200-FARM (8276)

2. HAZARDS IDENTIFICATION

GHS Classification:

Acute Toxicity, Category 4 (oral)
Skin Irritation, Category 2
Eye Irritation, Category 2A
Aquatic Hazard, Chronic, Category 2

Signal Word:
Warning

Hazard Statements:
H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Prevention	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use. P264: Wash protective equipment and work clothes thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor or Chemtrec if person feels unwell. P302+P352: IF ON SKIN: Wash with plenty of water. P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321: Treat symptomatically. P330: Rinse mouth. P332+P313: If skin irritation occurs: Get medical advice or attention. P337+P313: If eye irritation persists: Get medical attention or advice. P362+P364: Take off contaminated clothing and wash it before reuse. P391: Collect spillage. P403+P235: Store in a well-ventilated place, Keep cool.
Disposal	P501: Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Weight %
Mixture	Proprietary	100

4. FIRST AID MEASURES

If Swallowed: Call a POISON CENTER/doctor or INFOTRAC if person feels unwell. Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any fluids to an unconscious person.

In on Skin: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

If Inhaled: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention or advice.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Other Effects: This product is not a carcinogen by NTP, OSHA and ACGIH.

5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water fog, dry chemical, foam, CO_2 or halon. Water stream may splash the burning liquid and spread fire.

Specific Hazards: Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in well ventilated area.

PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: **Collect spillage.** Stop the flow of material, if this is without risk. Isolate area. Keep unnecessary personnel away. Absorb with an inert material such as sand, soil, or vermiculite and sweep up. Do not allow to enter surface waters or drains. Wash hard surfaces with detergent to remove remaining oil film. Greasy nature will result in slippery surfaces. Retain contaminated wash water and dispose of it.

Disposal: Dispose of collected waste in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Avoid eye and skin contact. Wash thoroughly after handling. Store and use in well ventilated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: ACGIH (TLV) – LTE(8h): 20 ppm for 2-butoxyethanol

Eye/Face Protections: Wear protective eyewear. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear long-sleeved shirt; long pants; socks; shoes; and barrier laminate, neoprene rubber, nitrile rubber or Viton® gloves.

Respiratory Protection: None required where adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

Note: When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed. Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, amber liquid

Odor:	Mild
Odor Threshold:	N/D
pH (1% in distilled water):	5-7
Melting Point:	N/D
Boiling Point:	>212°F
Flash Point:	N/D
Evaporation Rate:	N/D
Flammability:	N/D
UEL:	N/D
LEL:	N/D
Vapor Pressure:	N/D
Vapor Density:	N/D
Relative Density (lbs/gl):	7.5 ± 0.05
Solubility in water:	Emulsifies
Partition Coefficient:	N/D
Autoignition Temperature:	N/D
Decomposition Temperature:	N/D

10.STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Condition to Avoid:	Store within recommended temperature range (see Section 7 above).
Incompatible Materials:	Strong oxidizers.
Hazardous Decomposition Products:	May yield oxides of carbon and thick smoke.

11.TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50 > 5,000 mg/kg
Acute Eye Irritation:	Moderately irritating
Acute Dermal Irritation:	Slightly irritating
Acute Dermal Toxicity:	LD50 > 5,050 mg/kg

12.ECOLOGICAL INFORMATION

No ecological data is available for this product.

13.DISPOSAL CONSIDERATIONS

Component Waste Numbers:	No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions:	All wastes must be handled in accordance with local, state and federal regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.
Container Reuse:	An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. **Dispose of container to disposal plant in accordance with federal, state and local regulations.**

14.TRANSPORT INFORMATION

UN proper shipping name:	Environmentally hazardous substances, liquid, n.o.s. (Nonylphenol ethoxylated)
US DOT (non-bulk)	Not regulated
US DOT (bulk)	Environmentally hazardous substances, liquid, n.o.s. (Nonylphenol ethoxylated)
Road (ADR):	UN3082, Environmentally hazardous substances, liquid, n.o.s., (Nonylphenol ethoxylated), 9, PG-III

Air (ICAO/IATA):	UN3082, Environmentally hazardous substances, liquid, n.o.s., (Nonylphenol ethoxylated), 9, PG-III
Sea (IMO/IMDG):	UN3082, Environmentally hazardous substances, liquid, n.o.s., (Nonylphenol ethoxylated), 9, PG-III
Marine Pollutant:	Yes
Environmental Pollutant:	Yes

15.REGULATORY INFORMATION

TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.
SARA 313: 2-butoxyethanol
SARA 311/312: Immediate (acute) health effects. / Fire Hazard
Clean Air Act

The following chemicals are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

Ingredient	CAS Number
1,4-Dioxane	123-91-1
Ethylene oxide	75-21-8

Section 112 Hazardous Air Pollutants (HAPs) (40 CFR 63)

Ingredient	CAS Number
Methanol	76-56-1

The following chemicals are listed under the U.S. Clean Air Act Section 112® for Accidental Release Prevention (40 CFR 68.130, Subpart F):

Ingredient	CAS Number
Ethylene oxide	75-21-8

The following chemicals are listred under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOCs (40 CFR 60.489):

Ingredient	CAS Number
1,4-Dioxane	123-91-1
Ethylene oxide	75-21-8

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

State Regulations: This product contains the following components that are regulated under California Proposition 65:

Ingredient	CAS Number	Category
Methanol	76-56-1	Developmental
1,4-Dioxane	123-91-1	Cancer
Ethylene oxide	75-21-8	Cancer/Birth Defects/Reproductive

Canadian WHMIS Classification: B-3 (Combustible liquid), D-2B (Toxic), D2A – Materials causing other toxic effects, very toxic material. This classification reflects the presence of a hazardous component at a level greater than 0.1%. (Methyl alcohol – teratogenicity in animals; embryotoxicity in animals).

WHMIS Ingredient Disclosure List IDL

Ingredient	Weight %	WHMIS IDL	WHMIS Threshold Limits
Methanol	≤ 0.2%	Listed	0.1%

(NPRI) Canadian National Pollutant Release Inventory

Ingredient	Weight %	NPRI
Methanol	≤ 0.2%	Part 1, Group A Substance; Part 5, Individual Substances; Part 4 Substance

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16.OTHER INFORMATION

Date Prepared: September 12, 2021
Date Updated: September 12, 2021

WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, FARMERS BUSINESS NETWORK, INC., MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

N/R—Not Rated
N/D—Not Determined
N/A—Not Applicable
N/E—Not Established
EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.