

# SAFETY DATA SHEET

Alligare OSS-NIS Surfactant

SDS DATE: 8/10/2014

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Alligare OSS-NIS Surfactant  
**DISTRIBUTOR:** Alligare, LLC  
**ADDRESS:** 13 N 8th Street, Opelika, AL 36801  
**EMERGENCY CHEMTREC PHONE:** US: 1-800-424-9300 International: 1-202-483-7616  
**CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Silicone-Polyether Copolymer  
**CHEMICAL FORMULA:** Mixture  
**PRODUCT USE:** Adjuvant  
**SECTION 1 NOTES:** None

## SECTION 2: HAZARDOUS INGREDIENTS

### GHS Ratings:

#### Toxicity Categories

Eye Damage/Irritant Category 2B  
Skin Sensitizer Category 1



Signal Word: **WARNING**

#### GHS HAZARDS

H303 May be harmful if swallowed.  
H313 May be harmful in contact with skin.  
H317 May cause an allergic skin reaction.  
H320 Causes eye irritation.

#### GHS PRECAUTIONS

P102 Keep out of reach of children.  
P103 Read label before use.  
P233 Keep container tightly closed.  
P234 Keep only in original container.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P272 Contaminated work clothing should not be allowed out of the work place.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.  
P332+313 IF skin irritation occurs: Get medical advice/attention.  
P337+313 IF eye irritation persists: Get medical advice/attention.

## SECTION 3: HAZARDS IDENTIFICATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Proprietary	Proprietary	50 –60%
Proprietary	Proprietary	20 – 30%
Proprietary	Proprietary	5 – 10%
Polyethylene glycol	25322-68-3	1 – 5%

**NOTE:** Product does NOT contain any pesticides or pest control agents

**SECTION 3 NOTES:** These specific chemical identity and /or exact percentage (concentration) of composition has been withheld as a trade secret.

#### CARCINOGENICITY

OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

# SAFETY DATA SHEET

Alligare OSS-NIS Surfactant

SDS DATE: 8/10/2014

## SECTION 4: FIRST AID MEASURES

**EYE CONTACT - IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment. If eye irritation persists: Get medical advice/attention.

**SKIN CONTACT - IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. If skin irritation occurs: Get medical advice/ attention.

**INGESTION - IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Immediately call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

**INHALATION - IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

### NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

## SECTION 5: FIRE FIGHTING MEASURES

### NFPA HAZARD CLASSIFICATION

HEALTH: 1      FLAMMABILITY: 0      REACTIVITY: 0      OTHER: -

**IN CASE OF FIRE:** Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer, or ordinary) for large fires. Water stream may spread flames.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Do not use water or foam directly on the fire.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

SECTION 5 NOTES: None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

SECTION 6 NOTES: None

## SECTION 7: HANDLING AND STORAGE

**HANDLING** Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the work place. Wear protective gloves/protective clothing/eye protection/face protection.

**STORAGE:** Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

SECTION 7 NOTES: None

# SAFETY DATA SHEET

SDS DATE: 8/10/2014

Alligare OSS-NIS Surfactant

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>VENTILATION:</b>	Normal room ventilation (mechanical) or outdoor use should be satisfactory.
<b>RESPIRATORY PROTECTION:</b>	Wear a NIOSH/OSHA approved respirator, approved for use with propionic acid, if necessary.
<b>EYE PROTECTION:</b>	Chemical goggles and face shield
<b>SKIN PROTECTION:</b>	Impervious gloves, long-sleeved shirts and pants.
<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT:</b>	Eye wash and safety shower should be easily accessible
<b>WORK HYGIENIC PRACTICES:</b>	Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.
<b>EXPOSURE GUIDELINES:</b>	If exposed, see section 4 for acute exposure first aid.
<b>SECTION 8 NOTES:</b>	None

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Clear to amber liquid	<b>FLAMMABLE LIMITS IN AIR, UPPER:</b>	Unknown
<b>ODOR:</b>	Slight polyether odor	<b>(% BY VOLUME) LOWER:</b>	Unknown
<b>ORDER THRESHOLD:</b>	Not known	<b>VAPOR PRESSURE (mmHg):</b>	@ Unknown F: Unknown C: Unknown
<b>PHYSICAL STATE:</b>	Liquid	<b>VAPOR DENSITY (AIR = 1):</b>	@ Unknown F: Unknown C: Unknown
<b>pH AS SUPPLIED:</b>	Not applicable	<b>RELATIVE DENSITY:</b>	1.034 to 1.066
<b>pH (Other):</b>		<b>EVAPORATION RATE:</b>	Unknown
<b>INITIAL BOILING POINT:</b>	F: Unknown C: Unknown	<b>BASIS (butyl acetate=1):</b>	
<b>BOILING POINT RANGE:</b>	F: Unknown C: Unknown	<b>SOLUBILITY IN WATER:</b>	Soluble
<b>MELTING POINT:</b>	F: Unknown C: Unknown	<b>PARTITION COEFFICIENT: n-octanol/water):</b>	Unknown
<b>FREEZING POINT:</b>	F: Unknown C: Unknown	<b>AUTO-IGNITION TEMPERATURE:</b>	Unknown
<b>FLASH POINT:</b>	F: >200 C: >93	<b>DECOMPOSITION TEMPERATURE:</b>	Unknown
<b>METHOD USED:</b>	PMCC	<b>VISCOSITY:</b>	@ Unknown F: Unknown C: Unknown
<b>FLAMMABILITY (solid, gas):</b>	Not applicable		

### SECTION 9 NOTES: Values are not product specifications.

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

# SAFETY DATA SHEET

Alligare OSS-NIS Surfactant

SDS DATE: 8/10/2014

## SECTION 10: STABILITY AND REACTIVITY

STABILITY:      Stable       Unstable

CONDITIONS TO AVOID (STABILITY):      None known

INCOMPATIBILITY (MATERIAL TO AVOID):      None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:      None known

HAZARDOUS POLYMERIZATION:      Will not occur

CONDITIONS TO AVOID (POLYMERIZATION):      None known

SECTION 10 NOTES:      None

## SECTION 11: TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION:

MIXTURE TOXICITY      LD50 Acute oral toxicity >1513mg/kg (Rat)  
LD50 Acute dermal toxicity >5000mg/kg (Rabbit)  
Acute eye Irritation (Rabbit) effects cleared in 7 days  
Acute Dermal irritation (Rabbit) 0.04 based on a 48 hour observation

COMPONENT TOXICITY      None

SECTION 11 NOTES:      None

## SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:      Not available

ECOTOXICITY:      Not available

BIOACCUMULATIVE POTENTIAL:      Not available

MOBILITY IN SOIL:      Not available

OTHER ADVERSE EFFECTS:      Not available

SECTION 12 NOTES:      None

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:      Do not contaminate water, food or feed by storage or disposal. Dispose of contents / container to an approved waste disposal facility in accordance with all federal, state and local regulations.

CONTAINER DISPOSAL:      Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

RCRA HAZARD CLASS:      None

SECTION 13 NOTES:      None

# SAFETY DATA SHEET

Alligare OSS-NIS Surfactant

SDS DATE: 8/10/2014

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

**DOT Shipping Description:** Not Regulated

**U.S. Surface Freight Classification:** ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)  
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

**OTHER AGENCIES:** None

**SECTION 14 NOTES:** None

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** Mixture not listed

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Not Regulated

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):** Not Regulated

**311/312 HAZARD CATEGORIES:** None

**313 REPORTABLE INGREDIENTS:** None

**STATE REGULATIONS: California proposition 65:** This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer and/or reproductive toxicity.

Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29) CFR 1910.1047).

**INTERNATIONAL REGULATIONS:** None

**SECTION 15 NOTES:** None

## SECTION 16: OTHER INFORMATION

**OTHER INFORMATION:** None

### DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.