



# NON IONIC SURFACTANT

SDS DATE: 01/1/2021  
REV 05.01.2021 ALB

## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** NON IONIC SURFACTANT

**DISTRIBUTOR:** Yield Titan LLC  
**ADDRESS:** 5108 14<sup>th</sup> St Plano TX 75074

**EMERGENCY PHONE:** US: 1-866-787-0027

**GHS Ratings:** **CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Nonionic Surfactant

**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Adjuvant

**SECTION 1 NOTES:** None

### SECTION 2: HAZARDOUS INGREDIENTS

#### Toxicity Categories

Skin corrosion/irritation  
Eye damage/irritation

Category 2  
Category 2A



Signal Word: **WARNING**

#### GHS HAZARDS

H315 Causes skin irritation.  
H319 Causes serious 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 hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301+312 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+340 IF INHALED: 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 cautiously.  
P337+313 IF eye irritation persists: Get medical advice/attention.  
P332+313 IF skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash it before reuse.



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### SECTION 3: HAZARDS IDENTIFICATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Glycerin	56-81-5	40 – 50%
Proprietary	Proprietary	10 – 20%
Proprietary	Proprietary	1 – 10%

**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

**EYE CONTACT - IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. 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 or attention.

**SKIN CONTACT - IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. 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 or 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. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice if you feel unwell.

**INHALATION - IF INHALED:** Remove victim 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:** 1      **REACTIVITY:** 0      **OTHER:** -

**IN CASE OF FIRE:** Use National fire protection association Class B extinguishers (Carbon dioxide, water fog, dry chemical or foam). Water may also be used.

**SPECIAL FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water. Wear NIOSH/OSHA approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known

**SECTION 5 NOTES:** None



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### 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. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. 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

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Contains no substances with occupational exposure limit values**

**VENTILATION:** Normal room ventilation (mechanical) or outdoor use should be satisfactory.

**RESPIRATORY PROTECTION:** Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.

**EYE PROTECTION:** Chemical goggles and face shield

**SKIN PROTECTION:** Chemical gloves, long-sleeved shirts and pants.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash and safety shower should be easily accessible

**WORK HYGIENIC PRACTICES:** 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.

**EXPOSURE GUIDELINES:** If exposed, see section 4 for acute exposure first aid.

**SECTION 8 NOTES:** None



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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Clear, amber	<b>FLAMMABLE LIMITS IN AIR, UPPER:</b> Unknown (% BY VOLUME)	<b>LOWER:</b> Unknown
<b>ODOR:</b>	Mild odor	<b>VAPOR PRESSURE (mmHg):</b>	@
<b>ORDER THRESHOLD:</b>	Not known		F: Unknown C: Unknown
<b>PHYSICAL STATE:</b>	Liquid	<b>VAPOR DENSITY (AIR = 1):</b>	@
<b>pH AS SUPPLIED:</b>	Not applicable		F: Unknown C: Unknown
<b>pH (Other):</b>		<b>RELATIVE DENSITY:</b>	1.155 to 1.191
<b>INITIAL BOILING POINT:</b>	F: Unknown C: Unknown	<b>EVAPORATION RATE:</b>	Unknown
<b>BOILING POINT RANGE:</b>	F: Unknown C: Unknown	<b>BASIS (butyl acetate=1):</b>	
<b>MELTING POINT:</b>	F: Unknown C: Unknown	<b>SOLUBILITY IN WATER:</b>	Soluble
<b>FREEZING POINT:</b>	F: Unknown C: Unknown	<b>PARTITION COEFFICIENT: n-octanol/water):</b>	Unknown
<b>FLASH POINT:</b>	F: >200 C: >93	<b>AUTO-IGNITION TEMPERATURE:</b>	Unknown
<b>METHOD USED:</b>	PMCC	<b>DECOMPOSITION TEMPERATURE:</b>	Unknown
<b>FLAMMABILITY (solid, gas):</b>		<b>VISCOSITY:</b>	@ Not determined F: Unknown C: Unknown

#### 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.

### SECTION 10: STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable ●●	Unstable ○○
<b>CONDITIONS TO AVOID (STABILITY):</b>	None	
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	Strong oxidizing agents such as hydrogen peroxide, bromine, and chromic acid.	
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	None known	
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur	
<b>CONDITIONS TO AVOID (POLYMERIZATION):</b>	None known	
<b>SECTION 10 NOTES:</b>	None	



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### SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** None  
**MIXTURE TOXICITY** Not available  
**COMPONENT TOXICITY** Not available  
**SECTION 11 NOTES:** None

### SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** None **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 in container to an approved waste disposal facility in accordance with all local /regional/national/international 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

### 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



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### 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

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.