

# SAFETY DATA SHEET

DATE: 4/29/2015

STAYLO™

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: STAYLO™

DISTRIBUTOR: Triangle Chemical Company Cardinal Chemical Company  
ADDRESS: 206 Lower Elm Street 1583 Highway 258 South  
Macon, Georgia 31208 Kinston, NC 28504

EMERGENCY CHEMTREC PHONE: US: 1-800-424-9300 International: 1-202-483-7616

CHEMICAL NAME: Anionic polyacrylamide water-in-oil emulsion  
CHEMICAL FAMILY: Anionic Polymer  
CHEMICAL FORMULA: Mixture

PRODUCT USE: Various

SECTION 1 NOTE: None

## SECTION 2: HAZARDOUS INGREDIENTS

### GHS Ratings:

#### Toxicity Categories

Skin corrosive/ irritation Category 2



Signal Word: WARNING

#### GHS Hazards

H315 Causes skin irritation.

#### Hazards Not otherwise classified

Do Not Freeze  
Product will cause a slip hazard

#### 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.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective glove, protective clothing, eye protection and face protection.  
P362 Take off contaminated clothing and wash it before reuse.  
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
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.  
P332+313 If skin irritation persists: Get medical advice or attention.

## SECTION 3: HAZARDS IDENTIFICATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Distillates, petroleum, hydrotreated light	64742-47-8	20 – 30%
Proprietary	Proprietary	1 – 5%
Proprietary	Proprietary	1 – 5%
Proprietary	Proprietary	1 – 5%

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

SECTION 3 NOTES: These specific chemical identities and or exact percentage (concentration) of composition have been withheld as a trade secret.

#### CARCINOGENICITY

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

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## SECTION 4: FIRST AID MEASURES

*Have the product container with you when calling a poison control center or doctor, or going for treatment.*

**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. If eye irritation persists: Get medical advice or attention.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash 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 or attention.

**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. **DO NOT INDUCE VOMITING.**

**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: 2 FLAMMABILITY: 0 REACTIVITY: 0 OTHER: -

**IN CASE OF FIRE:** Use Foam, Dry Chemical, CO2, Water Spray to extinguish.

**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:** May be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Containers may explode in heat of fire.

**HAZARDOUS DECOMPOSITION PRODUCTS:** During combustion, oxides of carbon

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. Spilled material should be absorbed onto an inert material and scooped up. Flush spill area with water thoroughly until slipperiness is gone. Soak up spill with a suitable absorbent. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

**SECTION 6 NOTES:** Any amount, even very small amounts, of product combined with water is an extreme slip hazard. Do not add water until absorbent material has been applied to spills.

## SECTION 7: HANDLING AND STORAGE

**HANDLING** Keep out of reach of children. Read label before use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Wear protective gloves, protective clothing, eye protection and 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. Do Not Freeze.

SECTION 7 NOTES: None

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## SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

	OSHA		ACGIH		NIOSH	
	PEL	STEL	PEL	STEL	PEL	STEL
Petroleum distillate hydrotreated 64742-47-8	500ppm	120 mg/m <sup>3</sup>				

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

**RESPIRATORY PROTECTION:** Wear a NIOSH/OSHA approved respirator, approved for use with propionic acid, if necessary.

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

**SKIN PROTECTION:** Wear protective 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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Milky, White, and Viscous	<b>FLAMMABLE LIMITS IN AIR, UPPER:</b> Unknown (% BY VOLUME)	<b>LOWER:</b> Unknown
<b>ODOR:</b>	Hydrocarbon	<b>VAPOR PRESSURE (mmHg):</b>	@ Unknown F: Unknown C: Unknown
<b>ORDER THRESHOLD:</b>	Not known	<b>VAPOR DENSITY (AIR = 1):</b>	@ Unknown F: Unknown C: Unknown
<b>PHYSICAL STATE:</b>	Liquid	<b>RELATIVE DENSITY:</b>	1.037 to 1.063
<b>pH AS SUPPLIED:</b>	Not applicable	<b>EVAPORATION RATE:</b>	Unknown
<b>pH (Other):</b>	6-8 upon dilution in water	<b>BASIS (butyl acetate=1):</b>	
<b>INITIAL BOILING POINT:</b>	F: Unknown C: Unknown	<b>SOLUBILITY IN WATER:</b>	Limited by viscosity
<b>BOILING POINT RANGE:</b>	F: Unknown C: Unknown	<b>PARTITION COEFFICIENT: (n-octanol/water):</b>	Unknown
<b>MELTING POINT:</b>	F: Unknown C: Unknown	<b>AUTO-IGNITION TEMPERATURE:</b>	Unknown
<b>FREEZING POINT:</b>	F: Unknown C: Unknown	<b>DECOMPOSITION TEMPERATURE:</b>	Unknown
<b>FLASH POINT:</b>	F: >200 C: >93	<b>VISCOSITY:</b>	@ 500 – 2500 cps F: 104 C: 40
<b>METHOD USED:</b>	PMCC		
<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.

**SECTION 10: STABILITY AND REACTIVITY**

STABILITY: Stable  Unstable

CONDITIONS TO AVOID (STABILITY): None Known

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Under fire conditions, oxides of carbon and nitrogen.

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 >5000mg/kg (Rat)  
LD50 Acute dermal toxicity >2000mg/kg (Rabbit)  
Acute eye Irritation (Rabbit) effects cleared in 7 days  
Acute Dermal irritation (Rabbit) 4.0 based on a 72 hour observation

COMPONENT TOXICITY: None

SECTION 11 NOTES: None

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:**

**ALGAE TEST RESULTS** Duration: 72 hr  
Test: Growth Inhibition (OECD 201)  
Species: Green Algae (*Selenastrum capricornutum*)  
>100 mg/l IC50 Information based on a structurally similar material.

**FISH TEST RESULTS** Duration: 96 hr.  
Test: Acute toxicity, freshwater (OECD 203)  
Species: Rainbow Trout (*Oncorhynchus mykiss*)  
120 mg/l LC50

Test: Acute toxicity, freshwater (OECD 203) Duration: 96 hr  
Species: Zebra Fish (*Brachydanio rerio*)  
>100 mg/l LC50 Information based on a structurally similar material.

**INVERTEBRATE TEST RESULTS** Duration: 48 hr  
Test: Acute Immobilization (OECD 202)  
Species: Water Flea (*Daphnia magna*)  
>100 mg/l EC50 Information based on a structurally similar material.

**DEGRADATION**  
Test: CO2 Evolution: Modified Sturm (OECD 301B)  
The polymeric ingredient is not readily biodegradable. The large polymer size is incompatible with transport across biological membranes and diffusion; the bioconcentration factor is therefore considered to be zero.

ECOTOXICITY: Not available

BIOACCUMULATIVE POTENTIAL: Not available

MOBILITY IN SOIL: Not available

OTHER ADVERSE EFFECTS: Not available

SECTION 12 NOTES: None

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## 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 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

## 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:

This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

CAS Number	Chemical Name	Concentration
Mixture	Glycol ethers (fraction of product matching EPA definition)	1.00-2.99

**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.