

SAFETY DATA SHEET

AFFECT GC

SDS DATE: 10/01/2014

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: AFFECT GC

DISTRIBUTOR: UNITED SUPPLIERS INC.
ADDRESS: P.O. BOX 538 ELDORA, IA

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

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

PRODUCT USE: Various

SECTION 1 NOTE: None

SECTION 2: HAZARDOUS INGREDIENTS

GHS Ratings:

Toxicity Categories

Skin corrosive/ irritation Category 2
Eye damage/irritation Category 2B



Signal Word: WARNING

GHS Hazards

H303 May be harmful if swallowed.
H315 Causes skin irritation.
H320 Causes eye irritation.

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.
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P331 Do not induce vomiting.
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.
P337+313 If eye irritation persists: Get medical advice or attention.
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 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

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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 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. 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. Immediately call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. **DO NOT INDUCE VOMITING**

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: 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/ 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/m3				

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

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

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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.