

SAFETY DATA SHEET

FOAM MARKER

SDS DATE: 4/29/2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FOAM MARKER

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: Proprietary mixture
CHEMICAL FAMILY: Utility adjuvant
CHEMICAL FORMULA: Mixture

PRODUCT USE: Agricultural foam marker

SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS

GHS Ratings:

Toxicity Categories

Skin corrosion/ irritation Category 2
Eye irritation 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 or 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 and face protection.
P301+312 IF SWALLOWED: Call a POISON CENTER, doctor or 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 or attention.
P332+313 If skin irritation occurs: Get medical advice or attention.
P362 Take off contaminated clothing and wash it before reuse.

SECTION 3: HAZARDS IDENTIFICATION

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>% WT</u> |
|-----------------------------------|----------------|-------------|
| Ethylene Glycol | 111-76-2 | 10 – 15 |
| Monobutyl Ether (as Glycol Ether) | | |
| Hexylene Glycol | 107-41-5 | 4.5-5.5% |

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

SAFETY DATA SHEET

FOAM MARKER

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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 and easy to do then continue rinsing. 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 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.

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.

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: 1 REACTIVITY: 1 OTHER: -

IN CASE OF FIRE: Foam, dry chemical, water spray, or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Remove unprotected personnel from hazard area. Wear protective clothing. Emergency personnel should be equipped with NIOSH approved SCBA with full face piece. Cool exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heating may cause pressure buildup and possible rupture of the container.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce hazardous fumes or hazardous decomposition products.

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. Keep liquid and vapors away from heat, sparks, and flames. Prevent contact with contaminated clothing. If freezing occurs, thaw at room temperature. Roll drum frequently to assure homogeneity. 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.

SECTION 7 NOTES: None

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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 |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable Unstable

CONDITIONS TO AVOID (STABILITY): High temperatures

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: May produce hazardous fumes or hazardous decomposition products.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

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 and 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): yes

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

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

311/312 HAZARD CATEGORIES: This material contains 2-Butoxyethanol (listed as Glycol ethers), 10-15%, (CAS# 111-76-2) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

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.