

MATERIAL SAFETY DATA SHEET

Foam Marker Select

MSDS DATE: 10/15/12

SUPERSEDES: NONE

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Foam Marker Select

DISTRIBUTOR: Prime Source LLC
ADDRESS: 4609 E. Boonville-New Harmony Rd. • Evansville, IN 47725

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

CHEMICAL NAME: Proprietary mixture
CHEMICAL FAMILY: Surfactant blend
CHEMICAL FORMULA: Mixture

PRODUCT USE: Agricultural foam marker

SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT/% VOL</u>	<u>SARA 313 REPORTABLE</u>	<u>OSHA STEL</u>	<u>Ceiling</u>	<u>TWA</u>	<u>ACGIH STEL</u>	<u>Ceiling</u>
Ethylene Glycol-	111-76-2	10 – 15	YES			25 ppm		
Monobutyl Ether (as Glycol Ether)								
Hexylene Glycol	107-41-5	4.5 – 5.5	NO			25 ppm		

SECTION 2 NOTES: None

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Eyes, skin, ingestion, inhalation

POTENTIAL HEALTH EFFECTS

EYES: Vapors may be irritating to the eyes. Mists, sprays and liquid forms may be moderately to severely irritating to the eyes.

SKIN: May cause mild irritation.

INGESTION: May cause irritation to the membranes of the mouth, throat and gastrointestinal tract. Nausea, vomiting, cramps and diarrhea may occur.

INHALATION: Inhalation of vapors may cause headache and nausea. Inhalation of mists or sprays may result in non-specific irritation to the upper respiratory tract.

ACUTE HEALTH HAZARDS: None beyond above

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

CARCINOGENICITY

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

SECTION 3 NOTES: None

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SECTION 4: FIRST AID MEASURES

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

If Swallowed: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, 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

FLAMMABLE LIMITS IN AIR, UPPER: Unknown
(% BY VOLUME) **LOWER:** Unknown

FLASH POINT:

F: >200

C: >93

METHOD USED:

PMCC

AUTOIGNITION TEMPERATURE:

F: Unknown

C: Unknown

NFPA HAZARD CLASSIFICATION

HEALTH: 2 **FLAMMABILITY:** 1 **REACTIVITY:** 1 **OTHER:** -

EXTINGUISHING MEDIA:

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

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SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Small Spills: Absorb liquid with absorbent material.
Large Spills: Stop spill at source. Dike area of the spill to prevent spreading. Pump liquids into waste containers. Remaining liquids can be absorbed.

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Do not get in eyes, on skin or clothing. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Soiled clothing should be removed and laundered before reuse. Store below 120°F.

SECTION 7 NOTES: Keep liquid and vapors away from heat, sparks, and flames. Prevent contact with contaminated clothing. Keep out of reach of children. If freezing occurs, thaw at room temperature. Roll drum frequently to assure homogeneity.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : General (mechanical) room ventilation is expected to be satisfactory.

RESPIRATORY PROTECTION: Use mask equipped for organic vapors.

EYE PROTECTION: Chemical goggles

SKIN PROTECTION: Gloves resistant to organic solvents

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Synthetic apron, eye wash station and safety shower

WORK HYGIENIC PRACTICES: None

EXPOSURE GUIDELINES: None

SECTION 8 NOTES: None

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, yellow liquid

ODOR: Mild glycol odor

PHYSICAL STATE: Liquid

pH AS SUPPLIED: Does not apply

pH (Other): Unknown

BOILING POINT:

F: Unknown

C: Unknown

MELTING POINT:

F: Unknown

C: Unknown

FREEZING POINT:

F: Unknown

C: Unknown

VAPOR PRESSURE (mmHg):

@

F: Unknown

C: Unknown

VAPOR DENSITY (AIR = 1):

@

F: Unknown

C: Unknown

SPECIFIC GRAVITY (H₂O = 1): ~1.02

@

F: 68

C: 20

EVAPORATION RATE: Unknown

BASIS (butyl acetate=1):

SOLUBILITY IN WATER: Soluble

VISCOSITY: Unknown

@

F:

C:

SECTION 9 NOTES: None

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

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not available

SECTION 11 NOTES: None

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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Incinerate or landfill where permitted under appropriate state, federal and local regulations.

RCRA HAZARD CLASS: Not regulated

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

OTHER AGENCIES: None

SECTION 14 NOTES: None

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: Not regulated

313 REPORTABLE INGREDIENTS: 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.

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

PREPARATION INFORMATION: Prepared on 10/15/12

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.

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