

# MATERIAL SAFETY DATA SHEET

DUO STICK SELECT

MSDS DATE: 8/28/12

SUPERSEDES: 3/13/12

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** DUO STICK SELECT

**MANUFACTURER:** PRIME SOURCE.

**ADDRESS:** 4609 East Boonville - New Harmony Road, Evansville, IN 47725

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

**CHEMICAL NAME:** Proprietary mixture

**CHEMICAL FAMILY:** Oil/emulsifier blend

**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Agricultural adjuvant

**SECTION 1 NOTES:** None

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## SECTION 2: HAZARDOUS INGREDIENTS

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<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT/% VOL</u>	<u>SARA 313 REPORTABLE</u>	<u>TWA</u>	<u>OSHA STEL</u>	<u>Ceiling</u>	<u>TWA</u>	<u>ACGIH STEL</u>	<u>Ceiling</u>
Ethylene oxide	75-21-8	<1 ppm	at 0.1%	1 ppm			1 ppm		

**SECTION 2 NOTES:** None

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## SECTION 3: HAZARDS IDENTIFICATION

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**ROUTES OF ENTRY:** Eyes, skin, ingestion, inhalation

### POTENTIAL HEALTH EFFECTS

**EYES:** Causes eye irritation.

**SKIN:** Harmful if absorbed through skin.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Unknown

**ACUTE HEALTH HAZARDS:** None known.

**CHRONIC HEALTH HAZARDS:** None known.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known

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### CARCINOGENICITY

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

**SECTION 3 NOTES:** None

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## SECTION 4: FIRST AID MEASURES

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**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:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. 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:** None

**SECTION 4 NOTES:** None

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## SECTION 5: FIRE-FIGHTING MEASURES

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**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:** 1      **FLAMMABILITY:** 1      **REACTIVITY:** 0      **OTHER:** -

**EXTINGUISHING MEDIA:** Foam, Dry Chemical, CO2, and Water

**SPECIAL FIRE FIGHTING PROCEDURES:** Use a positive-pressure, self-contained air supply. Avoid getting water from fire-fighting into domestic or irrigation water supplies.

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

**HAZARDOUS DECOMPOSITION PRODUCTS:** In fire conditions, oxides of carbon

**SECTION 5 NOTES:** None

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Material should be collected and disposed in proper manner. Avoid discharge to natural waters. Absorb with an inert material such as sand, soil or vermiculite. Wear suitable protective equipment.

**SECTION 6 NOTES:** None

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Do not contaminate water, food or feed by storage or disposal. Do not store near heat or open flame. Store in original container.

**OTHER PRECAUTIONS:** None

**SECTION 7 NOTES:** None

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**RESPIRATORY PROTECTION:** None required for normal use.

**EYE PROTECTION:** Safety goggles

**SKIN PROTECTION:** Latex or impermeable gloves

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None

**WORK HYGIENIC PRACTICES:** None

**EXPOSURE GUIDELINES:** None

**SECTION 8 NOTES:** None

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Clear, pale yellow

**ODOR:** Fatty

**PHYSICAL STATE:** Liquid

**pH AS SUPPLIED:** None

**pH (Other):** None

**BOILING POINT:**

F: Unknown

C: Unknown

**MELTING POINT:**

F: Unknown

C: Unknown

**FREEZING POINT:**

F: Unknown

C: Unknown

**VAPOR PRESSURE (mmHg):**

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F: Unknown

C: Unknown

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.895 - 0.913

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F: 68

C: 20

**SOLUBILITY IN WATER:** Dispersable

**SECTION 9 NOTES:** None

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY: Stable  Unstable

CONDITIONS TO AVOID (STABILITY): Prolonged excessive heat

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, gases, and oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO<sub>2</sub>, CO

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 10 NOTES: None

## SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None

SECTION 11 NOTES: None

## SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None

SECTION 12 NOTES: None

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all Federal, State and Local Regulations.

RCRA HAZARD CLASS: Not hazardous

SECTION 13 NOTES: None

## SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION  
PROPER SHIPPING NAME: Not regulated

WATER TRANSPORTATION  
PROPER SHIPPING NAME: Not regulated

AIR TRANSPORTATION  
PROPER SHIPPING NAME: Not regulated

OTHER AGENCIES: None

SECTION 14 NOTES: None

## SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS  
TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated

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: Not regulated

STATE REGULATIONS: WARNING! This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer and/or reproductive toxicity.

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Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29 CFR 1910.1047).

**INTERNATIONAL REGULATIONS:** None

**SECTION 15 NOTES:** None

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## SECTION 16: OTHER INFORMATION

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**OTHER INFORMATION:** None

**PREPARATION INFORMATION:** Prepared on 8/28/12

### 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.

### PRIME SOURCE

**4609 East Boonville - New Harmony Road  
Evansville, IN 47725**