

MATERIAL SAFETY DATA SHEET

BREAKER 1

MSDS DATE: 7/21/09

SUPERSEDES: NONE

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BREAKER 1

DISTRIBUTOR: Universal Crop Protection Alliance, LLC

ADDRESS: Eagan, MN 55121

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

CHEMICAL NAME: Proprietary mixture

CHEMICAL FAMILY: Silicone antifoam

CHEMICAL FORMULA: Mixture

PRODUCT USE: Antifoam

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>TWA</u>	<u>OSHA STEL</u>	<u>Ceiling</u>	<u>TWA</u>	<u>ACGIH STEL</u>	<u>Ceiling</u>
None									

SECTION 2 NOTES: None

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Eyes, skin, ingestion, inhalation

POTENTIAL HEALTH EFFECTS

EYES: Irritation can occur causing redness or swelling.

SKIN: Short and long term exposure can irritate.

INGESTION: Small amounts by finger to mouth should not injure.

INHALATION: No irritation to eyes and respiratory passages from short exposures.

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: 1

FLAMMABILITY: 0

REACTIVITY: 0

OTHER: -

EXTINGUISHING MEDIA:

Foam, Dry Chemical, Water Spray, or Carbon Dioxide

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: None known

HAZARDOUS DECOMPOSITION PRODUCTS: In fire conditions, oxides of carbon and silicon

SECTION 5 NOTES:

None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Material should be collected and disposed in proper manner. Wash thoroughly with soap and water. Avoid discharge to natural waters. Wear suitable protective equipment.

SECTION 6 NOTES:

None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in cool dry place. Do not freeze. Keep in original container tightly closed. Do not reuse empty container.

SECTION 7 NOTES:

None

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : Normal room ventilation (mechanical) or outside air.

RESPIRATORY PROTECTION: None required for normal use.

EYE PROTECTION: Chemical goggles.

SKIN PROTECTION: Rubber or other impervious gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Long-sleeve shirt and pants, eye wash and safety shower

WORK HYGIENIC PRACTICES: Wash with soap and water before eating, drinking, smoking or using toilet facilities.

EXPOSURE GUIDELINES: None

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Milky

ODOR: Mild

PHYSICAL STATE: Liquid

pH AS SUPPLIED: Approximately 7 - 8

BOILING POINT:

F: Unknown

C: Unknown

MELTING POINT:

F: Unknown

C: Unknown

FREEZING POINT:

F: Unknown

C: Unknown

VAPOR PRESSURE (mmHg): Unknown

@

F:

C:

VAPOR DENSITY (AIR = 1): Unknown

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): Approximately 1.0

@

F: 68

C: 20

EVAPORATION RATE: Unknown

BASIS (butyl acetate=1):

SOLUBILITY IN WATER:

VISCOSITY: Unknown

@

F:

C:

SECTION 9 NOTES: None

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable ☒ Unstable ☐

CONDITIONS TO AVOID (STABILITY): None known

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers

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

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not available

SECTION 11 NOTES: None

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. Dispose of in 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: Not listed

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS: Not applicable

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

OTHER AGENCIES: Not regulated

SECTION 14 NOTES: None

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Mixture not listed

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

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: Not regulated

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

PREPARATION INFORMATION: Prepared on 7/21/09

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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