

# SAFETY DATA SHEET

## ARBORGARD

SDS DATE: 8/9/2018

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ArborGard

**DISTRIBUTOR:** ArborChem

**ADDRESS:** 943 Nixon Drive – Mechanicsburg, PA 17055

**PHONE:** 717-766-6661

**EMERGENCY 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 surfactant

**SECTION 1 NOTES:** None

### SECTION 2: HAZARDS

#### GHS Ratings:

Not regulated.  
CAUTION

#### 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.

### SECTION 3: INFORMATION ON COMPONENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Proprietary	Proprietary	1 – 10%

**NOTE:** Product does NOT contain any pesticides or pest control agents.

**SECTION 3 NOTES:** These specific chemical identities and or exact percentages (concentration) of composition have been withheld as a trade secret.

#### **CARCINOGENICITY**

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

**SECTION 4: FIRST AID MEASURES**

**Call a poison control center or doctor immediately for treatment advice. 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 ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

**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.

**IF INHALED:** Remove victim 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: 1      FLAMMABILITY: 1      REACTIVITY: 0      OTHER: -**

**IN CASE OF FIRE:** Use National fire protection association Class B extinguishers (Carbon dioxide, water fog, dry chemical or foam). Water may also be used.

**SPECIAL FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water. Wear NIOSH/OSHA approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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

**HAZARDOUS DECOMPOSITION PRODUCTS:** Under fire conditions will form oxides of carbon.

**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. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. 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


**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Contains no substances with occupational exposure limit values HMIS=B**

**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:** Safety glasses. 

**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**

<b>APPEARANCE:</b> slightly hazy	Yellow,	<b>FLAMMABLE LIMITS IN AIR, UPPER:</b> Unknown (% BY VOLUME) <b>LOWER:</b> Unknown
<b>ODOR:</b> <b>ORDER THRESHOLD:</b>	Strong Not known	<b>VAPOR PRESSURE (mmHg):</b> @ F: Unknown C: Unknown
<b>PHYSICAL STATE:</b>	Liquid	<b>VAPOR DENSITY (AIR = 1):</b> @ F: Unknown C: Unknown
<b>pH AS SUPPLIED:</b> applicable <b>pH (Other):</b>	Not	<b>RELATIVE DENSITY:</b> 1.075
<b>INITIAL BOILING POINT:</b>	F: Unknown C: Unknown	<b>EVAPORATION RATE:</b> Unknown
<b>BOILING POINT RANGE:</b>	F: Unknown C: Unknown	<b>BASIS (butyl acetate=1):</b>
<b>MELTING POINT:</b>	F: Unknown C: Unknown	<b>SOLUBILITY IN WATER:</b> Soluble
<b>FREEZING POINT:</b>	F: Unknown C: Unknown	<b>PARTITION COEFFICIENT: (n-octanol/water):</b> Unknown
<b>FLASH POINT:</b>	F: >200 C: >93	<b>AUTO-IGNITION TEMPERATURE:</b> Unknown
<b>METHOD USED:</b>	PMCC	<b>DECOMPOSITION TEMPERATURE:</b> Unknown
<b>FLAMMABILITY (solid, gas):</b>		<b>VISCOSITY:</b> @ Not 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.

**SECTION 10: STABILITY AND REACTIVITY**

<b>STABILITY:</b>	Stable ☉      Unstable ○
<b>CONDITIONS TO AVOID (STABILITY):</b>	None known
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	None known
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	None known.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur
<b>CONDITIONS TO AVOID (POLYMERIZATION):</b>	None known
<b>SECTION 10 NOTES:</b>	None

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Oral Toxicity: Greater than 5000 mg/kg  
Dermal Toxicity: Greater than 5050 mg/kg  
Eye irritation: No irritation observe4d  
Dermal irritation: .08 out of 8.0  
Daphnia: EC50 7.12 mg/L  
Rainbow Trout: LC50 18.750 mg/L

**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

**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:** 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.