

# SAFETY DATA SHEET

WATER CONDITIONING AGENT

SDS DATE: 3/30/2017

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WATER CONDITIONING AGENT

**DISTRIBUTOR:** ARBORCHEM Products  
**ADDRESS:** 943 Nixon Dr. Mechanicsburg • PA 17055  
**PHONE:** (717) 766-6661

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

**CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Low pH water conditioner  
**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Agricultural and industrial adjuvant

**SECTION 1 NOTES:** None

## SECTION 2: HAZARDS IDENTIFIED

### GHS Ratings:

**Toxicity Categories:** NONE

**Signal Word:** NONE

**Hazard symbol:** NONE

### GHS HAZARDS

None Classified

### 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.  
P281 Use personal protective equipment as required.  
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>
Ammonium Sulfate	7783-20-2	30 – 40%
Citric Acid	77-92-9	5 – 10%
Sodium tripolyphosphate	7758-29-4	1 – 5%
Phosphoric acid	7664-38-2	1 – 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

**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 for several minutes.

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

**IN CASE OF FIRE:** Foam, Dry Chemical, CO2 or Water.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus with fighting any fire in an enclosed area.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Burning may produce toxic fumes, carbon monoxide, carbon dioxide.

**HAZARDOUS DECOMPOSITION PRODUCTS:** During combustion, oxides of carbon.

**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. Flush spill area with water. Prevent liquid entering sewers. If slipperiness remains apply more dry-sweeping compound. 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. Use personal protective equipment as required.

**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

# SAFETY DATA SHEET

## WATER CONDITIONING AGENT

SDS DATE: 3/30/2017

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	OSHA		ACGIH		NIOSH	
	PEL	STEL	PEL	STEL	PEL	STEL
Phosphoric acid 7664-38-2	1 mg/m <sup>3</sup> TWA		1 mg/m <sup>3</sup> TWA 3 mg/m <sup>3</sup> STEL		1 mg/m <sup>3</sup> TWA 3 mg/m <sup>3</sup> STEL	

**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

<b>APPEARANCE:</b> Clear to slight haze, colorless to slight tint	<b>FLAMMABLE LIMITS IN AIR, UPPER:</b> Unknown (% BY VOLUME)	<b>LOWER:</b> Unknown
<b>ODOR:</b> Odorless	<b>VAPOR PRESSURE (mmHg):</b>	@
<b>ORDER THRESHOLD:</b> Not known		F: Unknown C: Unknown
<b>PHYSICAL STATE:</b> Liquid	<b>VAPOR DENSITY (AIR = 1):</b>	@
<b>pH AS SUPPLIED:</b> Not applicable		F: Unknown C: Unknown
<b>pH (Other):</b>		
<b>INITIAL BOILING POINT:</b>	F: Unknown C: Unknown	<b>RELATIVE DENSITY:</b> 1.239 to 1.289
<b>BOILING POINT RANGE:</b>	F: Unknown C: Unknown	<b>EVAPORATION RATE:</b> Unknown
<b>MELTING POINT:</b>	F: Unknown C: Unknown	<b>BASIS (butyl acetate=1):</b>
<b>FREEZING POINT:</b>	F: Unknown C: Unknown	<b>SOLUBILITY IN WATER:</b> Soluble
<b>FLASH POINT:</b>	F: >200 C: >93	<b>PARTITION COEFFICIENT: (n-octanol/water):</b> Unknown
<b>METHOD USED:</b> PMCC		<b>AUTO-IGNITION TEMPERATURE:</b> Unknown
<b>FLAMMABILITY (solid, gas):</b> Can burn		<b>DECOMPOSITION TEMPERATURE:</b> Unknown
		<b>VISCOSITY:</b> @ Not determined 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.

# SAFETY DATA SHEET

SDS DATE: 3/30/2017

## WATER CONDITIONING AGENT

### SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable  Unstable

CONDITIONS TO AVOID (STABILITY): None known

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

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

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

### SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None

MIXTURE TOXICITY  
LD50 Acute oral toxicity >5000mg/kg (Rat)  
LD50 Acute dermal toxicity >5050mg/kg (Rabbit)  
Acute eye Irritation (Rabbit) scored 2.7 out of 110 effects cleared in 7 days  
Acute Dermal irritation (Rabbit) scored 0.0 out of 8.0 based on a 72 hour observation

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

# SAFETY DATA SHEET

SDS DATE: 3/30/2017

WATER CONDITIONING AGENT

## 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.