

SAFETY DATA SHEET

SDS DATE: 08/19/2014

BupHR

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BupHR

DISTRIBUTOR: ALLIGARE, LLC
ADDRESS: 13 N. 8th Street, Opelika, AL 36801

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

CHEMICAL NAME: Proprietary mixture
CHEMICAL FAMILY: Proprietary blend of ammonium salts, hydroxycarboxylic acid
CHEMICAL FORMULA: Mixture

PRODUCT USE: Agricultural Adjuvant

SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS

GHS Ratings:

Toxicity Categories
Skin corrosion/irritation
Eye damage/irritation

Category 1B
Category 2A



Signal Word: DANGER

GHS HAZARDS

H303 May be harmful if swallowed.
H314 Causes severe skin burn and eye damage.
H319 Causes serious eye irritation.
H333 May be harmful if inhaled.

GHS PRECAUTIONS

P102 Keep out of reach of children.
P103 Read label before use.
P233 Keep container tightly closed.
P234 Keep only in original container.
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ 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/ face protection.
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P310 Immediately call a poison center or doctor/ physician.
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.
P337+313 IF eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash it before reuse.
P405 Store locked up.
P501 Dispose of contents in container to an approved waste disposal facility in accordance with all local /regional/national/international regulations.

SECTION 3: HAZARDS IDENTIFICATION

INGREDIENT

Citric acid
Ammonium Sulfate
Proprietary
Proprietary

CAS NO.

77-92-9
7783-20-2
Proprietary
Proprietary

% WT

10 – 20%
5 – 10%
5 – 10%
1 – 10%

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

SECTION 3 NOTES: These specific chemical identity and /or exact percentage (concentration) of composition has been withheld as a trade secret.

CARCINOGENICITY OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

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SECTION 4: FIRST AID MEASURES

EYE CONTACT - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Have the product container with you when calling a poison control center or doctor, or going for treatment. If eye irritation persists: Get medical advice or attention.

SKIN CONTACT - IF ON SKIN OR CLOTHING: (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

INGESTION - 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. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice if you feel unwell.

INHALATION - 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: 2 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: -

IN CASE OF FIRE: This product is noncombustible. If involved in a fire, extinguishing agents suitable for surrounding materials should be used.

SPECIAL FIRE FIGHTING PROCEDURES: As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Oxides of carbon and nitrogen are produced by the combustion of this product.

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Spills may be slippery. 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/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

STORAGE: Store locked up. 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

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values

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

APPEARANCE:	Clear, slightly tinted	FLAMMABLE LIMITS IN AIR, UPPER:	Unknown
ODOR:	Slight odor	(% BY VOLUME) LOWER:	Unknown
ORDER THRESHOLD:	Not known	VAPOR PRESSURE (mmHg):	@
PHYSICAL STATE:	Liquid		F: Unknown
pH AS SUPPLIED:	Not applicable	VAPOR DENSITY (AIR = 1):	@
pH (Other):			F: Unknown
INITIAL BOILING POINT:	F: Unknown	RELATIVE DENSITY:	1.169 to 1.191
	C: Unknown		
BOILING POINT RANGE:	F: Unknown	EVAPORATION RATE:	Unknown
	C: Unknown	BASIS (butyl acetate=1):	
MELTING POINT:	F: Unknown	SOLUBILITY IN WATER:	Soluble
	C: Unknown	PARTITION COEFFICIENT: (n-octanol/water):	Unknown
FREEZING POINT:	F: Unknown	AUTO-IGNITION TEMPERATURE:	Unknown
	C: Unknown	DECOMPOSITION TEMPERATURE:	Unknown
FLASH POINT:	F: >200	VISCOSITY:	@ Not determined
	C: >93		F: Unknown
METHOD USED:	PMCC		C: Unknown
FLAMMABILITY (solid, gas):			

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.

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable Unstable

CONDITIONS TO AVOID (STABILITY): Avoid extreme heat and open flames.

INCOMPATIBILITY (MATERIAL TO AVOID): None currently known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None Known

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None

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/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

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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 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.