

# MATERIAL SAFETY DATA SHEET

VERACITY

MSDS DATE: 03/28/08

SUPERSEDES: None

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** VERACITY

**SUPPLIER:** West Central Incorporated  
**ADDRESS:** 2700 Trott Ave. SW, PO Box 897, Willmar, MN 56201

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

**CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Mixture  
**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</u> <u>REPORTABLE</u>	<u>OSHA</u> <u>TWA</u> <u>STEL</u> <u>Ceiling</u>	<u>ACGIH</u> <u>TWA</u> <u>STEL</u> <u>Ceiling</u>
Ammonium Sulfate	7783-20-2	<20	See section 15	Not established	Not established

**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:** May cause eye irritation after direct contact with material.

**SKIN:** May cause slight skin irritation after repeated contact.

**INGESTION:** Very low toxicity by ingestion.

**INHALATION:** Inhalation of vapor or mist may cause mild irritation of the respiratory tract.

**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:** 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

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

**EXTINGUISHING MEDIA:** Use water, carbon dioxide or dry chemical to extinguish fires.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained, positive pressure breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Under 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:** CAUTION: Spills may be slippery. Material should be collected and disposed of in a proper manner. Dike 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

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Keep out of reach of children. Avoid prolonged and /or repeated skin and eye contact when handling this product. Keep container closed and dry. Isolate from strong oxidizing agents. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies.

**SECTION 7 NOTES:** None

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### ENGINEERING CONTROLS:

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

**RESPIRATORY PROTECTION:** None required for normal use. If use conditions generate vapors, aerosols or fumes, use a NIOSH-approved respirator.

**EYE PROTECTION:** Wear goggles or a face shield.

**SKIN PROTECTION:** Wear impervious gloves.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Long sleeve shirts, pants and impervious boots are recommended.

**WORK HYGIENIC PRACTICES:** None

**EXPOSURE GUIDELINES:** None

**SECTION 8 NOTES:** Protective equipment required for handling other tank mix partners should be sufficient.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Tinted to amber, clear

**ODOR:** Mild

**PHYSICAL STATE:** Liquid

**pH AS SUPPLIED:** 2 - 3

**pH (Other):** Not known

**BOILING POINT:**

F: Not known

C: Not known

**MELTING POINT:**

F: Not known

C: Not known

**FREEZING POINT:**

F: Not known

C: Not known

**VAPOR PRESSURE (mmHg):** Not known

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F:

C:

**VAPOR DENSITY (AIR = 1):** Not known

@

F:

C:

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** ~1.2

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F: 20

C: 68

**EVAPORATION RATE:** Not known

**BASIS (butyl acetate=1):**

**SOLUBILITY IN WATER:** Soluble

**VISCOSITY:** Not known

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F:

C:

**SECTION 9 NOTES:** None

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY:      Stable          Unstable   

CONDITIONS TO AVOID (STABILITY):      None

INCOMPATIBILITY (MATERIAL TO AVOID):      Strong oxidizers

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

HAZARDOUS POLYMERIZATION:      Will not occur

CONDITIONS TO AVOID (POLYMERIZATION):      None

SECTION 10 NOTES:      None

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION:      Not available

SECTION 11 NOTES:      None

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION:      Not available

SECTION 12 NOTES:      None

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## SECTION 13: DISPOSAL CONSIDERATIONS

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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 regulated

SECTION 13 NOTES:      None

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:      Not regulated

HAZARD CLASS:      Not regulated

ID NUMBER:      Not regulated

PACKING GROUP:      Not regulated

LABEL STATEMENT:      Not regulated

OTHER AGENCIES:      Not regulated

SECTION 14 NOTES:      None

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Mixture not listed

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): No

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: Acute hazard

313 REPORTABLE INGREDIENTS: Ammonium Sulfate, (<20%), 10% of the ammonium portion is reportable as Ammonium per 40 CFR 372.65.

STATE REGULATIONS: None

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 3/26/2008

### 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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