

# Material Safety Data Sheet

## CNS17 RIPE

Last Revision: November 1<sup>st</sup>, 2008

Emergency Phone: (480) 777-2000

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### Product Identification

Name: CNS17 Ripe

Formulation Type: Suspension Concentrate.

Ingredients: Calcium Nitrate, Magnesium Sulfate, Potassium Nitrate, Monopotassium Phosphate, Manganese Sulfate, Ammonium Molybdate.

Active ingredient(s) Mineral Ions

Hazardous Components: None

Company: American Agritech, LLC DBA Botanicare (480) 777-2000 [www.botanicare.net](http://www.botanicare.net)

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### Physical/ Chemical Characteristics

Boiling Point	100°C
Vapor Pressure	Same as Water
Vapor Density	Same as Water
Evaporation rate	Same as Water
Melting point	Below 0°C
Specific Gravity	1000 grams per Liter
pH	5.5-6.0
Solubility in water	100% soluble
Appearance	White of pale blue thick liquid
Odor	Not distinctive

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### Fire and Explosion Information

Flash point	Non-Flammable
Flammable limits	Non-Flammable
Extinguishing media	Non-Flammable
Special Fire Fighting Procedures	Does Not Burn
Special Fire and Explosion Hazards	Not Explosive

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### Reactivity Data

Stability	Stable at normal temperatures
Conditions to avoid	None
Incompatibility	None
Hazardous decomposition	Will not occur
Hazardous polymerization	Will not occur

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## **Health Effects/First Aid Information**

Routes of entry:

Inhalation:

Eyes: Mildly acidic, highly saline as concentrate

Ingestion: Contains nitrates and selenium.

Skin: None – Although can have irritant effect on exposed skin

Signs/Symptoms of exposure: Eye irritation and or sneezing

Carcinogenicity: Long Term exposure to nitrates and some trace elements can be damaging to health

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## **Emergency and First Aid Procedures:**

Inhalation:

Eyes: Flush immediately with warm water for 15 minutes, lift lids. See physician if irritation persists.

Ingestion: Consult Physician.

Skin: Remove clothing from affected area, and wash with warm water and detergent. If allergic reaction arises consult physician.

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## **Precautions for Safe Handling and Use**

Respiratory protection:

Ventilation:

Protective gloves/clothing: Minimal protective clothing required for application.

Eye Protection:

Work Practices: Use good housekeeping practices. Keep containers tightly closed.

Spills: Absorb and dispose of spilt material. Flush area with hot water to reduce residue.

Precautions in storing and handling: Store dry under cool dark conditions.

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