

Material Safety Data Sheet

CNS17 RIPE

Last Revision: November 1st, 2008

Emergency Phone: (480) 777-2000

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

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

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

Reactivity Data

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

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

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.

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.
