

Botanicare DBA American Agritech
6858 W. Chicago St. Suite #3
Chandler, AZ 85226

KIND= Base Formula 1

MSDS SHEETS: PRODUCT NAME: KIND – Base

1. **INGREDIENTS:** Calcium nitrate, ammonium nitrate

2. **PHYSICAL DATA:**

Physical Form:	Liquid
Boiling Point:	100°C
Vap Press:	N/A
Vap Density:	N/A
Sol in Water:	Completely soluble
Evaporation Rate:	N/A
Appearance:	Light brown/yellow color
Odor:	Odorless

3. **FIRE AND EXPLOSION HAZARD DATA:**

Flash Point:	N/A
Method Used:	N/A

FLAMMABLE LIMITS:

LFL: N/A

UFL: N/A

EXTINGUISHING MEDIA: This product is not combustible. Use any appropriate medium for extinguishing surrounding fires.

4. **REACTIVITY DATA:**

STABILITY:	Stable.
POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	Water of crystallization from applicable components driven off at approximately 235°F / 113°C
MATERIALS TO AVOID:	Solutions can be corrosive to metals. Avoid strong oxidizing and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	None.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS OR LEAKS: Wear protective equipment including rubber boots, rubber gloves, rubber apron, and chemical goggles. For small spills, sweep up and dispose of in DOT-Approved waste containers. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste.

6. FIRST AID:

IF INHALED: Remove to fresh air.

IN CASE OF EYE CONTACT: Flush eyes with lots of running water.

IN CASE OF SKIN CONTACT: Wash skin with lots of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.

IF SWALLOWED: Do not induce vomiting. Consult a physician.

7. HEALTH HAZARD INFORMATION:

PRIMARY ROUTES OF EXPOSURE: Skin or eye contact, swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE:

Eye Contact: May moderately irritate eyes.

Skin Contact: May irritate damp skin.

Swallowed: Swallowing may result in abdominal discomfort.

CHRONIC EFFECTS OF EXPOSURE: No specific information available.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE:

VENTILATION: Local mechanical exhaust ventilation at the point of use.

RESPIRATORY PROTECTION: NIOSH-Approved dust and vapor respirator or mask in the absence of adequate environmental controls at the point of use.

PROTECTIVE CLOTHING: Long sleeved shirt, trousers, safety shoes and gloves.

EYE PROTECTION: Chemical goggles.

OTHER PROTECTIVE MEASURES: An eyewash and safety shower should be nearby and ready for use.