

# Material Safety Data Sheet

Product: **DynaZone 18-3-6**

May be used to comply with OSHA's Hazard Communication Standard 29CFR 1910. Standard must be consulted for specific requirements.

QUICK IDENTIFIER

Common Name: Controlled release N-P-K fertilizer w/micronutrients

## SECTION 1 - COMPANY INFORMATION

Manufacturer's Name: Chemical Dynamics, Inc. Emergency Telephone Number: 1-800-424-9300  
Address: 4206 Business Lane Other Information Call: 1-813-752-4950  
City, State, and Zip Plant City, Florida 33566 Date Prepared: 11/5/04

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	EXPOSURE LIMITS	CAS NO.
s-Tetrahydrotriazone	N/A	N/A		7098-14-8
Urea	5 mg/M3	10 mg/M3		57-13-6
Potassium Thiosulfate	N/A	N/A		10294-66-3
Ammonium polyphosphate	N/A	N/A		68333-79-9
Ethylenediaminetetraacetic acid	N/A	N/A		60-00-4

## SECTION 3- PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: N/A °F Specific Gravity: 1.264 Vapor Pressure: N/A

Vapor Pressure: N/A Reactivity in Water: Soluble Melting Point: N/A

Appearance and Odor: \_\_\_\_\_

## SECTION 4- FIRE & EXPLOSION DATA

Flash Point: N/A °F Method Used: N/A  
Flammable Limits in Air: N/A LEL Lower: \_\_\_\_\_ UEL Upper: \_\_\_\_\_  
Auto-Ignition Temp: N/A Extinguisher Media: Non flammable if involved in fire, can extinguish with dry chemical; CO<sub>2</sub>, water spray or foam.

Special Fire Fighting Procedures: This product is non-flammable, and does not support combustion. If heated to decomposition ammonia and sulfur may be released. Use of SCBA is recommended. Fire run-off water should be contained to prevent environmental contamination.

Unusual Fire and Explosion Hazards: If this product is heated to an anhydrous state it could release ammonia and sulfur that are hazardous if inhaled. Exposure to high heat can emit toxic vapors.

## SECTION 5- PHYSICAL HAZARDS (REACTIVITY DATA)

Stability:  Stable  Unstable Conditions to Avoid: Excessive heat

Incompatibility Materials to Avoid!: Avoid strong acids and oxidizers such as chlorate or bleach. Sulfur dioxide and ammonia may be released when this material come in contact with acidic materials. Do not use copper, zinc or bronze piping, fittings or storage containers.



**SECTION 8- CONTROL AND PROTECTIVE MEASURES**

**Respiratory Protection:** None required if used in open under normal conditions. Respiratory protection may be required in the event of a spill in an enclosed area. Use SCBA when fighting fires.

**Protective Gloves:** Impervious gloves from rubber, neoprene or nitrile.

**Eye Protection:** Side-shielded safety glasses or chemical splash-proof goggles.

**Other Protective Clothing or equipment:** Eye wash station with safety shower. Use of a chemically resistant apron may be required for some activities.

**Hygienic Work Practice** Bathe and change clothes daily. Wash contaminated clothing separate from other laundry.

**SECTION 9- TRANSPORT AND REGULATORY INFORMATION**

**MATERIAL IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION**

**Proper Shipping Name:** None

**Hazard Class Number:** None

**Description:** None

**UN Identification Number:** None

**Packing Group:** None

**DOT Label(s) Required:** None

**NFPA CODE:** Health = 1      Flammability = 0      Reactivity = 0

**Toxicity:**

**Notes:** This product is not regulated by EPCRA or any of the provisions of SARA Title III.