Material Safety Data Sheet

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

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

QUICK IDENTIFIER

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

SECTION 1 -	COMPANY INFORMAT	ION				
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 INGRED	IENTS/IDENTITY				
Hazardous Component(s) (che	mical & common name(s)	OSHA PEL ACGIH TLV EXPO	OSURE 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 polyphosphat		N/A N/A	68333-79-9			
Ethylenediaminetetraacet	tic acid	N/A N/A	60-00-4			
SECTION 3-	PHYSICAL & CHEMICA	AL CHARACTERISTIC	S			
Boiling Point:	N/A °F Specific Gravity:					
_		•				
Vapor Pressure:	N/A Reactivity in Water:	Soluble Melting F	Point: N/A			
Appearance and Odor:						
SECTION 4-	FIRE & EXPLOSION D	<u>ATA</u>				
Flash Point:	N/A °F Method Used:					
Auto-Ignition Temp:	N/A Extinguisher Media: Non flammable if involved in fire, can extinguish with dry chemical; CO ₂ , water spray or foam.					
Special Fire Fighting	This product is non-flammable, and does not support combustion. If heated to					
Procedures:	·					
	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. Expo	osure to high heat can emit toxic v	apors.			
SECTION 5-	PHYSICAL HAZARDS	(REACTIVITY DATA)				
Stability:	X Stable □	Unstable Conditions to A	void: 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 containe	rs.			

Hazardous Decomposition Products: heating this product will evolve ammonia, and quite possibly sulfur dioxide and carbon dioxide. Hazardous Polymerization: May Occur: Will Not Occur: Section 6- Health Hazards Section 6- Health Hazards Acute: Mild skin irritant, conjunctivitis, upset stomach and/or gastrointestinal symptoms are temporary. CHRONIC: Prolonged skin contact may result in dermatitis (drying) or eczema (itching) CARCINOGEN NTP OSHA NOT LISTED CARCINOGEN IARC MONOGRAPH X NOT LISTED ROUTES OF ENTRY AND EMERGENCY FIRST AID PROCEDURES 1. Inhalation: No hazard under normal conditions. If necessary move victim to fresh air. If symptoms persist call a physician. Administer CPR if necessary. 2. Eyes: Flush eyes with running water for 15 minutes. If redness persists, seek medical attention. 3. Skin: Remove contaminated clothing, wash with clean water and soap. Put on clean clothes. 4. Ingestion: Give large amounts of water. DO NOT INDUCE VOMITING. Call physician immediately.	Page 2-	DynaZone 18-3-6			
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Handling and Storage: Store in cool ventilated place away from fire hazards, excessive heat, flammable or		0. 20.7.21.1.2			
Other Precautions: Do not allow product to go below 35 degrees. Apply product in open areas. Keep away from children and pets. Do not contaminate feed, seed or any water sources.	Other Precautions:				
Steps to be taken in	Steps to be taken in				
case of Release or Spill: Dike area and maximize recovery. Pump into a tank or absorb with diatomaceous earth or sand. Sweep up and place into containers for land application at recommended rates. Prevent entry into sewers or waterways. Clean up at once; do not allow dry		and application at recommended an up at once; do not allow dry			
product to come in contact with heat or ignition sources. Environmental	Fnvironmental	product to come in con	tact with heat or ignition sou	rces.	
Precautions: Relatively low toxicity to fish and aquatic organisms. Do not contaminate any waterway, lakes, streams or estuary by direct application of cleaning of equipment or disposal. Triple rinse empty containers and offer for recycling or dispose of in an approved landfill. Consult federal, state and local rules and regulations for proper disposal.		lakes, streams or estua Triple rinse empty cont	ary by direct application of cl ainers and offer for recycling	eaning of equipment or disposal. g or dispose of in an approved landfill.	