# MATERIAL SAFETY DATA SHEET #1034

15885 Sprague Road, Strongsville, OH 44136-1799 **ISSUED:** 12/19/01 **Emergency Phone:** LESCO: (800) 321-5325 **SUPERSEDES: 10/31/01** 

**CHEMTREC**: (800) 424-9300

#### PRODUCT IDENTIFICATION

Product: LESCO MacroN Fertilizers, Water Soluble Fertilizer Chemical Family: Inorganic Salts

Chemical Name/Synonyms: 20-20-20, 28-7-14, 16-32-16, 23-0-23, Dry water soluble fertilizer

- 11	PRODUCT	INFORMATION:	INCREDIENTS
III.	PRUDUCI	INFURINATION:	INGREDIENTS

Chemical Name	TLV/TWA	%(by wt.)	CAS#		
Formulated with one or more of the following ingredients. Check specific product label.					
Ammoniated Phosphate	15 mg/M³ total dust PEL	0 - 50	7722-76-1		
	10 mg/M³ total dust TLV				
	5 mg/M <sup>3</sup> total resp dust				
Potassium Sulfate	10 mg/M <sup>3</sup>	0 - 50	7778-80-5		
Ammonium Nitrate Phosphate	Not Established	0 - 50	57608-40-9		
Ammonium Sulfate	15 mg/M³ (dust)	0 - 50	7783-20-2		
Potassium Nitrate	N/A	0 - 50	7757-79-1		
Urea	15 mg/M³ total (dust)	0 - 50	57-13-6		
Sodium Ferric EDTA	N/A	0 – 10	15708-41-5		
Iron Oxide	15 mg/M³ (dust)	0 – 10	1309-37-1		
Zinc EDTA	N/A	0 – 10	15954-98-0		
Copper EDTA	N/A	0 – 10	14025-15-1		
Manganese EDTA	5.00 mg Mn/m <sup>3</sup>	0 – 10	15375-84-5		
Sodium Borate	10.00 mg B <sub>2</sub> O <sub>3</sub> /m <sup>3</sup>	0 – 10	11130-12-4		
Sodium Molybdate	5.00 mg Mo/m <sup>3</sup>	0 – 10	7631-95-0		

#### III. PHYSICAL AND CHEMICAL CHARACTERISTICS

**Boiling Point:** Not Applicable Specific Gravity (water = 1): Not Applicable **Melting Point:** Not Determined Bulk Density (lbs./cu. ft.): 55-65 Vapor Pressure (mm Hg):Not Applicable **Evaporation Rate:** Not Applicable **Vapor Density (air = 1):** Not Applicble Percent Volatile: Minimal Solubility in Water: Complete Appearance and Odor: Dry colored crystal pH: Not Determined powder, slight ammonia odor

#### FIRE AND EXPLOSION HAZARD DATA

Flash Point (method Used): Not Applicable Auto Ignition Temperature: Not Applicable **Lower Explosion Limits:** Not Applicable **Upper Explosion Limits:** Not Applicable

NFPA/HMIS RATING: HEALTH **FIRE REACTIVITY** 

Extinguishing Media: [X] Foam [] Alcohol Foam [X] Dry Chemical

> [X] Water Spray [] Other [X] CO<sub>2</sub>

Special Fire-Fighting Procedures: Use extinguishing agent suitable for type of surrounding fire. Material itself burns

difficulty. Ingestion may cause nausea, vomiting, stomach pain, gastric disorder, diarrhea and shock.

### **Emergency First-Aid Procedures**

**Eyes:** Flush with large amount of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**Skin:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Contact a physician if irritation persists.

**Inhalation:** If symptoms develop, remove person from source of exposure to fresh air. If respiratory symptoms persist, get medical attention.

**Ingestion:** Get medical attention for substantial ingestion or if symptoms develop.

Toxicity Information: Eye Irritation:				

## Small Quantity Exemption 49 CFR 173.152 (b)

NA = Not Applicable