# MATERIAL SAFETY DATA SHEET #1034

15885 Sprague Road, Strongsville, OH 44136-1799 **Emergency Phone:** LESCO: (800) 321-5325

ISSUED: 12/19/01 SUPERSEDES: 10/31/01

## CHEMTREC: (800) 424-9300

### I. PRODUCT IDENTIFICATION

Product: LESCO MacroN Fertilizers, Water Soluble FertilizerChemical Family: Inorganic SaltsChemical Name/Synonyms: 20-20-20, 28-7-14, 16-32-16, 23-0-23, Dry water soluble fertilizer

# II. PRODUCT INFORMATION: INGREDIENTS

TLV/TWA	%(by wt.)	CAS#
wing ingredients. Check specific pr	oduct label.	
15 mg/M <sup>3</sup> total dust PEL	0 - 50	7722-76-1
10 mg/M <sup>3</sup> total dust TLV		
5 mg/M <sup>3</sup> total resp dust		
10 mg/M <sup>3</sup>	0 - 50	7778-80-5
Not Established	0 - 50	57608-40-9
15 mg/M <sup>3</sup> (dust)	0 - 50	7783-20-2
N/A	0 - 50	7757-79-1
15 mg/M <sup>3</sup> total (dust)	0 - 50	57-13-6
N/A	0 - 10	15708-41-5
15 mg/M <sup>3</sup> (dust)	0 - 10	1309-37-1
N/A	0 - 10	15954-98-0
N/A	0 - 10	14025-15-1
5.00 mg Mn/m <sup>3</sup>	0 - 10	15375-84-5
10.00 mg B <sub>2</sub> O <sub>3</sub> /m <sup>3</sup>	0 - 10	11130-12-4
5.00 mg Mo/m <sup>3</sup>	0 – 10	7631-95-0
	wing ingredients. Check specific pr 15 mg/M <sup>3</sup> total dust PEL 10 mg/M <sup>3</sup> total dust TLV 5 mg/M <sup>3</sup> total resp dust 10 mg/M <sup>3</sup> Not Established 15 mg/M <sup>3</sup> (dust) N/A 15 mg/M <sup>3</sup> total (dust) N/A 15 mg/M <sup>3</sup> (dust) N/A 5.00 mg Mn/m <sup>3</sup> 10.00 mg $B_2O_3/m^3$	wing ingredients. Check specific product label.   15 mg/M <sup>3</sup> total dust PEL 0 - 50   10 mg/M <sup>3</sup> total dust TLV   5 mg/M <sup>3</sup> total resp dust   10 mg/M <sup>3</sup> 0 - 50   Not Established 0 - 50   15 mg/M <sup>3</sup> (dust) 0 - 50   N/A 0 - 50   N/A 0 - 50   N/A 0 - 50   N/A 0 - 10   15 mg/M <sup>3</sup> (dust) 0 - 10   N/A 0 - 10   N/A 0 - 10   N/A 0 - 10   15 mg/M <sup>3</sup> (dust) 0 - 10   N/A 0 - 10   10 mg/M <sup>3</sup> (dust) 0 - 10   N/A 0 - 10   10 ng/M <sup>3</sup> (dust) 0 - 10   N/A 0 - 10   0.00 mg Mn/m <sup>3</sup> 0 - 10   10.00 mg B <sub>2</sub> O <sub>3</sub> /m <sup>3</sup> 0 - 10

## III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point:	Not Applicabl	le	Specific Gravi	ty (water = 1):	Not Applicable
Melting Point:	Not Determine	d	Bulk Density (I	bs./cu. ft.):	55-65
Vapor Pressure (mm H	lg):Not Applicab	le	Evaporation R	ate:	Not Applicable
Vapor Density (air = 1)	: Not Applicbl	le	Percent Volati	le:	Minimal
Solubility in Water:	Complet	te	Appearance a	n <b>d Odor:</b> D	ry colored crystal
pH: Not Determined				powder, s	light ammonia odor
IV. FIRE AND EXPLOSION					
IV. FIRE AND EXPLOSION Flash Point (method U	lsed):	Not Applicable	Auto Ignition	•	Not Applicable
IV. FIRE AND EXPLOSION	lsed):		Auto Ignition <sup>-</sup> Upper Explosi	•	Not Applicable Not Applicable
IV. FIRE AND EXPLOSION Flash Point (method U	lsed):	Not Applicable	-	•	
IV. FIRE AND EXPLOSION Flash Point (method U Lower Explosion Limit	lsed): ts:	Not Applicable Not Applicable	-	on Limits:	
IV. FIRE AND EXPLOSION Flash Point (method U Lower Explosion Limit	lsed): ts: HEALTH 1	Not Applicable Not Applicable <b>FIRE</b> 0	-	on Limits:	Not Applicable

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