

MATERIAL SAFETY DATA SHEET



20-0-10/ 75% Contec MU

AGC8424

Manufactured by:
The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

In Case of Emergency call:
1-937-644-0011 (USA)
For non-Emergency calls:
1-937-644-0011 (USA)

I. MATERIAL IDENTIFICATION

Product Name: AGC8424
Analysis: 20-0-10 + 5% Mn Mn Greens
Stock Number: 8424

| NFPA Hazard Ratings | |
|---------------------|---|
| Health | 2 |
| Flammability | 0 |
| Reactivity | 0 |

| | |
|---|----------|
| 0 | Least |
| 1 | Slight |
| 2 | Moderate |
| 3 | High |
| 4 | Severe |

II. HAZARDOUS INGREDIENTS

| <u>MATERIAL</u> | <u>CAS #</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|-----------------------|--------------|--------------------------------------|--------------------------------------|
| Urea | 57-13-6 | None | None |
| Single Superphosphate | 8011-76-5 | None | None |
| Triple Superphosphate | 65996-95-4 | None | None |
| Manganese Sulfate | 7785-87-7 | 5 mg(Mn)/m ³ | 5 mg(Mn)/m ³ |
| Potassium Sulfate | 7778-80-5 | None | None |
| Nuisance Dust | N/A | 15 mg/m ³ (total dust) | 10 mg/m ³ (respirable) |

III. FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes holding eyelids open. Get medical attention if irritation persists.
Ingestion: Induce vomiting or perform gastric lavage if large amounts are ingested. Symptomatic and supportive care.
Skin: Wash thoroughly. If irritation persists, get medical attention.
Inhalation: Remove to fresh air. Treat symptomatically.

IV. HEALTH HAZARD INFORMATION

Summary of Risks: Possible nausea, vomiting and diarrhea. Causes eye irritation.
Inhalation of heavy concentrations of manganese-containing dusts over very prolonged periods of exposure (usually 1 to 3 years) has been reported to cause damage to the central nervous system.

Primary Entry Route(s): Ingestion.

Acute Effects: See summary.

Chronic Effects: Inhalation of heavy concentrations of manganese-containing dusts over very prolonged periods of exposure (usually 1 to 3 years) has been reported to cause damage to the central nervous system.

Medical conditions which may
be aggravated by contact:

Skin abrasions and sores. Inhalation of dust may aggravate asthma.

Ingredients Listed as a Carcinogen:

IARC Monographs: No

NTP: No

OSHA: No

V. PERSONAL PROTECTION AND PRECAUTIONS

Eye Contact: Protective eyewear normally not required but is suggested so eye contact can be avoided.
 Gloves: None required for normal use.
 Respiratory: If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

VI. PHYSICAL HAZARD INFORMATIONFire and Explosion

Flash Point (Test Method): N/A
 Flammable Limits (% in Air): N/A
 Auto Ignition Temperature: N/A

Physical Properties

Appearance: Granular
 Melting Point: N/A
 Boiling Point: N/A
 Solubility in H₂O: N/A
 Specific Gravity: Not established
 Vapor Pressure: N/A
 Evaporation Rate: N/A

Reactivity

Stability: Stable
 Hazardous Polymerization: Will not occur
 Conditions to Avoid: None known.
 Hazardous Decomposition Products: In a fire, thermal decomposition of urea and methylene ureas will generate ammonia. Oxides of nitrogen, potassium, sulfur, phosphorus, and carbon are also possible.
 Chemical Incompatibilities: None known
Unusual Fire, Explosion and Reactivity Hazards: In a fire, thermal decomposition of urea and methylene ureas will generate ammonia. Oxides of nitrogen, potassium, sulfur, phosphorus, and carbon are also possible.
In Case of Fire: Use self-contained air supply.
 Extinguishing Media: Dry chemical, water fog, CO₂, foam.

VII. REGULATORY INFORMATION

DOT Classification: Not classified as a hazardous material.

VIII. STORAGE AND SPECIAL PRECAUTIONSPrecautions to be taken in handling and storage:

Read label. Avoid container breakage, keep away from feed or foodstuffs. Avoid contact with skin, eyes, or clothing. Wash after handling. Keep out of reach of children. Keep out of lakes, streams, or ponds.
 Store in a clean dry place. Reseal opened bag by folding top down and securing. Use only in clean dry hopper.
 Do not leave unused product in spreader.

In case of spills:

Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.

Waste management/disposal:

Dispose of on-site per label instructions or remove to approved landfill.

Revised:

Date Issued: #####

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