

MATERIAL SAFETY DATA SHEET



31-3-10 /45% SAN + Minors

AGC8331-1

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: AGC8331-1
Analysis: 31-3-10 HP Fertilizer + Minors
Stock Number: 8331

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>
Monoammonium Phosphate	7722-76-1	None	None
Urea	57-13-6	None	None
Potassium Sulfate	7778-80-5	None	None
Ferrous Sulfate	7782-63-0	1mg(Fe)/m ³	1mg(Fe)/m ³
Manganese Sulfate	7785-87-7	5mg(Mn)/m ³	5mg(Mn)/m ³
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: Give large volumes of water. Induce vomiting or perform gastric lavage if large amounts ingested.
Get medical attention.
Skin: Wash thoroughly.

IV. HEALTH HAZARD INFORMATION

Summary of Risks: Possible nausea, vomiting, diarrhea - possible skin or 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: May cause eye irritation.

Medical conditions which may be aggravated by contact: Inhalation of dust may aggravate asthma.
Skin abrasions and sores.

Ingredients Listed as a Carcinogen

IARC Monographs: No
NTP: No
OSHA: No

(STOCK # 8331)

V. PERSONAL PROTECTION AND PRECAUTIONS

Eye Contact: Protective eyewear is normally not required but is suggested so contact can be avoided.
 Gloves: None required for normal use conditions.
 Inhalation: 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: N/A
 Vapor Pressure: N/A
 Evaporation Rate: N/A

Reactivity

Stability: Stable
 Hazardous Polymerization: Will not occur
 Conditions to Avoid: None known
 Hazardous Decomposition Products: Urea and methylene urea nitrogen sources can generate ammonia in a fire. Oxides of nitrogen, carbon, sulfur, and potassium, may also be generated.
 Chemical Incompatibilities: None known

Unusual Fire, Explosion and Reactivity Hazards:

Urea and methylene urea nitrogen sources can generate ammonia in a fire. Oxides of nitrogen, carbon, sulfur, and potassium, may also be generated.

Extinguishing Media: Dry chemical or select appropriate method of extinguishing surrounding fire.

In Case of Fire: Use self-contained air supply. Contain run-off as ingredients may be toxic to aquatic organisms.

VII. REGULATORY INFORMATION

DOT Classification: Not DOT regulated

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

See label. Keep out of reach of children. Avoid bag breakage. Avoid inhalation or contact with skin, eyes, or clothing. Do not contaminate water when disposing of equipment washwaters. Keep out of lakes, streams, or ponds. Store in a clean, dry place. Reseal opened bag by folding top down and securing. Use only clean, dry spreaders. Do not leave unused product in spreaders.

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.

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