

SAFETY DATA SHEET

MAESTRO GRO

1. IDENTIFICATION OF THE SUBSTANCE & COMPANY

Product name: Epsom Salts

Product identity: Granular fertilizer

Recommended use: This product is a granulated fertilizer for landscape use.

Supplier/Manufacturer:

Maestro Gro
613 Colorado St
Justin, TX 76247
214-436-3617 - cbeckett@verizon.net

2. HAZARD (S) IDENTIFICATION

Physical hazards Not classified.

Health hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Hazard symbol None

Signal Word None

Hazard statement The substance does not meet the criteria for classification.

EFFECTS OF OVEREXPOSURE

Eyes Dust may cause irritation.

Skin May cause skin irritation with prolonged exposure.

Inhalation Dust may cause temporary cough

Precautionary Statements for Handling

Eye protection: Wear safety glasses or face shield to protect against particulate matter.
Have eye wash available where eye contact can occur.

Skin protection: Wear gloves where hand to eye or hand to mouth contamination can occur.

Respiratory protection: Wear dust mask or respirator to minimize exposure to nuisance dust.

Ventilation: Adequate to prevent build-up of dust

Storage/Use: Store in cool, dry place. Use only outdoors in a well ventilated place.

Additional Hazard Statements

Keep out of the reach of Children

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Epsom Salts

CAS No.

7487-88-9

4. FIRST AID MEASURES

Inhalation:	If inhaled, and discomfort occurs, move to fresh air. If difficulty in breathing occurs or persists, call a physician.
Eye contact:	Rinse eyes cautiously with water for several minutes. Get medical attention if irritation develops and persists.
Skin contact:	Wash with soap and water. If injury occurs, or discomfort or irritation persists or rash occurs, contact a physician.
Ingestion:	Rinse mouth. Seek medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing media suitable to local circumstances and the surrounding environment. Options in this case include water, CO2, ABC Dry Chemical extinguisher, or foam.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire, do not breathe fumes.

Explosion data

Sensitivity to mechanical impact None

Sensitivity to static discharge None

Note: Excessive amounts of any burnable dust can produce explosive mixtures if allowed to disperse in the air in confined areas where ignition sources occur. Prevent excessive dust dispersal in areas of use, storage, or production.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use dust mask and gloves as needed or other reasonable personal protective equipment to prevent contact with eyes or skin. Remove ignition sources prior to clean up.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

Methods for containment

Prevent further leakage or spillage, if safe to do so

Methods for cleanup

Take up mechanically, placing in appropriate containers for disposable. Avoid creating dust.

7. HANDLING AND STORAGE

Safe handling Read and understand all safety precautions before handling. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required to avoid breathing product dust or mist, and to prevent eye contact. Wash hands thoroughly after handling.

Storage conditions

Keep containers closed in a cool, well ventilated place. Keep out of the reach of children.

Incompatible materials

Avoid strong acids or alkali, or other reactive substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection

Safety glasses, or goggles if eye contact is likely.

Skin and body protection

Gloves and standard work coveralls recommended.

Respiratory protection

Dust mask recommended for dusty or misty conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

General hygiene

When using the product, do not eat, drink or smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Granules and small particles
Color	Brown
Odor	Slight
Odor threshold	Not available
pH	Not available
Melting point and freezing point	Not available
Boiling point boiling range	Not available
Flashpoint	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Flammability limit in air	Not available
Upper flammability limit	Not available
Lower flammability limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Water solubility	Mostly insoluble in water although some ingredients may dissolve

10. STABILITY AND REACTIVITY

Reactivity

The product is stable and non-reactive under normal conditions of use, storage, and transport.

Chemical stability

Stable.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

Contact with incompatible materials.

Incompatible materials

Strong acids or alkali, or other reactive substances.

Hazardous decomposition products

May emit irritating and/or toxic fumes upon the product's decomposition.

11. TOXICOLOGICAL INFORMATION

Routes of exposure: Ingestion, eyes, skin, dust.

Inhalation: No adverse effects due to inhalation are expected.
Eye contact: Direct contact with eyes may cause temporary irritation.
Skin contact: No adverse effects due to skin contact are expected.
Ingestion: Expected to be a low ingestion hazard.

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	Not listed as carcinogenic.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT – repeated exposure	No information available.
Chronic toxicity	No information available.
Target organ affects	Liver
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Fertilizers may be harmful to aquatic life with short-term effects, causing algal bloom and increased BOD, depending on the amount released.

Persistence and degradability	No information available.
Bioaccumulation	No information available.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

This material, as supplied is not a hazardous waste according to federal regulations.

Disposal of waste

This product is a non-hazardous waste material suitable for approved solid waste landfill. No EPA waste numbers are applicable for this product's components. Dispose of in accordance with local state and federal regulations.

Contaminated packaging

No US federal special packaging considerations at the date of this document. Follow local regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated	ADR:	Not regulated
Proper shipping name	Not regulated	AND:	Not regulated
Hazard Class	Not applicable	RID:	Not regulated
IATA:	Not regulated	IATA:	Not regulated
Proper shipping name	Not regulated	TDG:	Not regulated
Hazard Class	Not applicable	ICAO:	Not regulated
IMDG/IMO	Not regulated	MEX:	Not regulated
Hazard Class	Not applicable		
Marine pollutant	No		

IMDG Not a dangerous good
ICAO/IATA: Not a dangerous good

15. REGULATORY INFORMATION

SAR 8313 Superfund amendments: this product contains no chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, part 372.

Sarah 311 / 312 hazard categories

Acute:	Yes
Chronic:	Yes
Fire:	No
Sudden release of pressure:	No
Reactive:	No

CLEAN WATER ACT. This product does not contain any substance is regulated as pollutants pursuant to the Clean Water Act.

16. OTHER INFORMATION

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Disclaimer

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief as of the date of this publication. The information given is designed only as guidance for safe handling use, processing, storage, transportation, disposal, and release and is not be to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or any process. The user should satisfy himself that he has all current data relevant to his particular use.