

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	PolySpec Magnesium Chloride Flakes
Version #	1.0
Revision date	08-Mar-2010
Company information	PolySpec 6614 Gant Road Houston, TX 77066 US
Emergency	Chemtrec (800) 424-9300 International (703) 527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

Composition comments This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

3. HAZARDS IDENTIFICATION

Emergency overview Health injuries are not known or expected under normal use.

Potential short term health effects

Eyes	Contact with eyes may cause irritation.
Skin	Not expected to be a primary skin irritant.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Do not ingest. May be harmful if swallowed.

4. FIRST AID MEASURES

First aid

Eye contact	Flush eyes with water as a precaution. If irritation persists get medical attention.
Skin contact	Rinse with water. Get medical attention if irritation develops or persists.
Inhalation	Call a physician if symptoms develop or persist. If breathing is difficult, give oxygen.
Ingestion	Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. If ingestion of a large amount does occur, seek medical attention.

General advice If you feel unwell, seek medical advice (show the label where possible).

5. FIRE FIGHTING MEASURES

General fire hazards	Not a fire hazard.
Suitable extinguishing media	Small Fires: Dry chemical, CO2, water spray or regular foam. Large Fires: Water spray, fog or regular foam.

6. ACCIDENTAL RELEASE MEASURES

Evacuation procedures	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for cleaning up	Sweep up or gather material and place in appropriate container for disposal. Avoid dust formation.

7. HANDLING AND STORAGE

Handling	Handle and open container with care. Surfaces may become slippery after spillage.
Storage	Use care in handling/storage. Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection	No personal respiratory protective equipment normally required.
Eye protection	Avoid contact with eyes.
Skin and body protection	Wear suitable protective clothing.
General	Wear suitable protective equipment.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL & CHEMICAL PROPERTIES

Density	13.0828 lb/gal
Form	Solid.
Melting point	244 °F (117.8 °C)
Specific gravity	1.57

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability	Stable at normal conditions. No hazards to be especially mentioned.
Incompatibility	Water.

11. TOXICOLOGICAL INFORMATION

Further information This product has no known adverse effect on human health.

12. ECOLOGICAL INFORMATION

Ecotoxicity This material is not expected to be harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

Disposal instructions This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

14. TRANSPORTATION INFORMATION

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

International Air Transport Association (IATA) Requirements

Not regulated as dangerous goods.

International Maritime Dangerous Goods (IMDG) Code Requirements

Not regulated as dangerous goods.

15. REGULATORY INFORMATION

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

Occupational safety and health administration (OSHA)

29 CFR 1910.1200 hazardous chemical No

CERCLA (superfund) reportable quantity

None

Superfund amendments and reauthorization act of 1986 (SARA)

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Hazard categories

Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

NFPA ratings

Health: 0
Flammability: 0
Instability: 0

16. OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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 in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

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MSDS sections updated

Hazards Identification: Hazard statements