

SAFETY DATA SHEET

Version: 5.0

Date:
05/19/2011



1. PRODUCT AND COMPANY IDENTIFICATION

Hyperform HPR-803i

Product Information: Hyperform HPR-803i

Company Identification:

Milliken Chemical
P.O. Box 1926
Spartanburg, SC, 29303 USA
1-864-472-9041
msds@milliken.com

The Milliken logo, which is the word "Milliken" written in a cursive, handwritten-style font with a trademark symbol (TM) at the end.

Emergency telephone number:

Chemtrec:

1-800-424-9300 (Chemtrec - US)
1-703-527-3887 (International)

Intended Use: Plastic additive

2. HAZARDS IDENTIFICATION

Emergency Overview

No special precautionary health measures should be needed under anticipated conditions of use. The product has not been classified as hazardous according to the legislation in force.

HFRP Rating

Health	1
Flammability	0
Reactivity	0
Personal protection	B

Eye May cause temporary eye irritation.

Inhalation May cause irritation to the respiratory system.

Skin Prolonged skin contact may cause temporary irritation.

The product has been classified according to the legislation in force.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Product name	CAS Number	Amount
Magnesium oxysulfate	12508-61-1	99.0 %

4. FIRST AID MEASURES

Eye	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation persists after washing.
Inhalation	Move the exposed person to fresh air at once. Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Get medical attention if symptoms occur.
Skin	Wash skin thoroughly with soap and water. If skin irritation or an allergic skin reaction develops, get medical attention.
Ingestion	Give one or two glasses of water if patient is alert and able to swallow. Seek immediate medical attention. Do not induce vomiting. Never give liquid to an unconscious person.

5. FIRE-FIGHTING MEASURES

Fire Fighting Media	Not applicable, non-combustible solid.
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6. ACCIDENTAL RELEASE MEASURES

Safety Advice	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit
Spill Cleanup Methods	Collect in containers and seal securely.

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7. HANDLING AND STORAGE

Handling Avoid contact with eyes and prolonged or repeated contact with skin. Avoid generation and spreading of dust. Use only in well-ventilated areas. Wear approved safety goggles.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering controls No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

Eye protection Chemical goggles are recommended.

Skin and Body Protection In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Personal protection Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Respiratory Protection Observe occupational exposure limits and minimize the risk of inhalation of dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Crystalline Powder.

Color White

Odor Odorless

Density 2.31 kg/m³

Solubility (in Water) 0.0302 g/l

Melting/Freezing Point Not applicable

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Partition coefficient (n-octanol/water) Not applicable
Decomposition Temperature 274 °C

10. STABILITY AND REACTIVITY

Stability Material is stable under normal conditions.
Hazardous Polymerization Hazardous polymerization will not occur.
Materials to Avoid Avoid contact with acids.
Hazardous decomposition products Material is stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Inhalation
Type: LC 50
Species: Rat
Exposure time: 4 h
Result: > 5.10 mg/l

Skin irritation.
Classification: Non-irritating
Species: Rabbit

Eye Irritation
Species: Rabbit
Slightly irritating.

Skin sensitizer
Result: Not a skin sensitizer.
Species: Mouse

Genetic Toxicity in vitro
Type: Ames Assay
Result: Negative

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12. ECOLOGICAL INFORMATION

Acute Fish Toxicity

Species: Rainbow Trout
Exposure time: 96 h
Result: > 33 mg/l

Acute Toxicity Aquatic

Species: Water Flea
Exposure time: 48 h
Result: > 56 mg/l

Toxicity to Aquatic Plants

Species: Alga
Exposure time: 72 h
Type: EC 50
Result: > 13 mg/l

13. DISPOSAL CONSIDERATIONS

Disposal Recommendations

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Department of Transportation (DOT)

Not regulated.

Sea (IMDG)

Not regulated.

Air (ICAO/IATA)

Not regulated.

15. REGULATORY INFORMATION

Regulatory Lists Searched

Component

None present or none present in regulated quantities.

Additional information is available by request.

16. OTHER INFORMATION

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The information contained in this Material Safety Data Sheet is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Milliken Chemical.