

SAFETY DATA SHEET

Version: 1.4

Date:
05/19/2011



1. PRODUCT AND COMPANY IDENTIFICATION

Hyperform® HPN-600ei

Product Information: Hyperform® HPN-600ei

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.

Emergency telephone number:

Chemtrec:

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

2. HAZARDS IDENTIFICATION

Emergency Overview

The health hazards of this product should be low under normal industrial and commercial uses. High concentrations of dust may form explosive mixture with air.

HFRP Rating

Health	1
Flammability	1
Reactivity	0
Personal protection	E

Eye

Dust may be irritating to eyes and respiratory tract. Not known to cause permanent injury to eye tissue.

Inhalation

Dust in high concentrations may irritate the respiratory system.

Skin

Prolonged contact may cause redness, irritation and dry skin.

Ingestion

No information about adverse effects due to exposure.

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
Proprietary Nucleating Agent	Proprietary	100.0 %

4. FIRST AID MEASURES

Eye	Flush thoroughly with water. If irritation occurs, get medical assistance.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Get medical attention if any discomfort continues.
Skin	Wash skin thoroughly with soap and water for several minutes. Contact physician if irritation continues.
Ingestion	If swallowed, do NOT induce vomiting. Give a glass of water. Never give liquid to an unconscious person. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Fire Fighting Media	Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Fire Fighting Instructions	Use standard firefighting procedures and consider the hazards of other involved materials. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Unusual Fire & Explosion Hazards	Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Safety Advice	Wear appropriate personal protective equipment. The risk of inhalation of dust must be minimized as much as possible.
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SAFETY DATA SHEET

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Spill Cleanup Methods

Dam and absorb spillages with sand, earth or other non-combustible material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container. All waste materials should be packaged, labeled and transported in accordance with all national, state/provincial, and local requirements.

7. HANDLING AND STORAGE

Handling

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash promptly with soap and water if skin becomes contaminated. Practice good housekeeping. Avoid conditions which create dust.

Handling / Physical hazards

Avoid extreme temperatures.

Storage Precautions

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Keep containers tightly closed.

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

Wear necessary protective equipment. Avoid contact with eyes and prolonged skin contact. Where contact with this material is likely, chemical goggles are recommended.

Skin and Body Protection

In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact. If prolonged or repeated contact is likely, chemical resistant clothing is recommended. For prolonged or repeated skin contact use suitable protective gloves.

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 and protective equipment to remove contaminants.

Respiratory Protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Wear dust masks in dusty areas.

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Date:

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	powder
Color	Pale violet
Odor	Odorless
Solubility (in Water)	Sparingly Soluble

10. STABILITY AND REACTIVITY

Conditions to avoid	Avoid contact with acids and oxidizing substances.
Hazardous Polymerization	Hazardous polymerization will not occur.
Hazardous decomposition products	Decomposition will not occur if handled and stored properly.
Remarks	Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

11. TOXICOLOGICAL INFORMATION

No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Recommendations	Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle empty drums at an appropriate facility in accordance with current applicable laws and regulations, and product
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characteristics at time of disposal. Ensure drums are tightly sealed.

14. TRANSPORT INFORMATION

Department of Transportation (DOT)

Not regulated.

Sea (IMDG)

Not regulated.

Air (ICAO/IATA)

Not regulated.

15. REGULATORY INFORMATION

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.
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