

SAFETY DATA SHEET

Version: 1.6

Date:
05/19/2011



1. PRODUCT AND COMPANY IDENTIFICATION

MILLAD® 3988i

Product Information: MILLAD® 3988i

Company Identification:

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

The logo 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)

2. HAZARDS IDENTIFICATION

Emergency Overview

High concentrations of dust may form explosive mixture with air.

HFRP Rating

Health	0
Flammability	1
Reactivity	0
Personal protection	B

Eye

May irritate eyes.

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product name	CAS Number	Amount
D-Glucitol, 1,3:2,4-bis-O-[(3,4-dimethylphenyl)methylene]-	135861-56-2	> 96.0 %

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1,3:2,4-Bis(3,4-Dimethylbenzylidene) Sorbitol
Confidential Silica Compound

Proprietary

< 4.0 %

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	Water spray, foam, dry powder or carbon dioxide.
Unusual Fire & Explosion Hazards	High concentrations of dust may form explosive mixture with air.
Remarks	The dust explosion class for this product is St1

6. ACCIDENTAL RELEASE MEASURES

Safety Advice	Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.
Spill Cleanup Methods	Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance powder

Color White

Odor Odorless

Volatiles < 1 %
@ 100 °C

Solubility (in Water) Insoluble in water

10. STABILITY AND REACTIVITY

Stability Stable

Hazardous Polymerization Hazardous polymerization will not occur.

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Materials to Avoid

Contact with acids. Avoid contact with oxidizing agents (e.g. nitric acid, peroxides and chromates).

Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

No data available.

12. ECOLOGICAL INFORMATION

No data available.

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.

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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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