

Material Safety Data Sheet

OSHA / ANSI Z400.1-2004 Compliant

Ciba



Date / Revised: 12-14-2006

Release: 1.0

Product: **MAGNAFLOC 338**

NFPA Hazard codes:

Health: 2

Fire: 1

Reactivity: 0

Special: -

HMIS III rating

Health: 2

Flammability: 1

Physical hazard: 0

Personal protection: X

HMIS Note: * Indicates possible chronic health effects.

1. Identification of the Substance/Preparation and of the Company/Undertaking

Company Information

Company:

Ciba Specialty Chemicals Corporation
2301 Wilroy Road
P.O.Box 820
Suffolk, VA 23434-0820
U.S.A.
Customer Service / Product Information: 1-800-322-3885
MSDS Request Line: 1-800-431-2360

Emergency information

Emergency 24-Hour

(24h) +1-800-873-1138

Health/Environmental Phone:

CHEMTREC:

(800) 424-9300 (24hrs) or (703) 527-3887

Product information

Product:

MAGNAFLOC 338

Use:

flocculation agent

2. Hazards Identification

Emergency overview

Signal word:

CAUTION: !

Colour:

off-white

Appearance:

powder

State of matter:

solid

Odour:

odourless

Health:

May cause eye, skin or respiratory irritation.

Physical/Chemical hazards:

Organic powders may be capable of generating static discharges and creating explosive mixtures in air. Handle with caution., Slip hazard when wet., Refer to MSDS Section 7 for Dust Explosion information.

Potential health effects

Primary routes of entry:

Eyes, Skin, Inhalation, Ingestion

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Protection against fire and explosion:

Avoid creating dusty conditions. Risk of explosion if an air-dust mixture forms.

Storage

General advice:

Keep container tightly closed and dry; store in a cool place.

> for industrial use only <

8. Exposure Controls and Personal Protection

Engineering Controls:

Work in well ventilated areas. Do not breathe dust.

Ensure good ventilation and local exhaust.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified respirator as necessary.

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

Wear chemical resistant gloves and protective clothing.

General safety and hygiene measures:

There are no OSHA or ACGIH exposure guidelines available for component(s) in this product.

9. Physical and Chemical Properties

Colour:	off-white	
Form:	powder	
State of matter:	solid	
Odour:	odourless	
pH value:	5 - 7	1% solution
Evaporation rate:		Not tested
Flash point:		Not applicable
Melting point:		not determined
Boiling point:		Not applicable
Vapour pressure:		Not tested
Relative density:	approx. 0.75	
Vapour density:		Not tested
Partitioning coefficient n-octanol/water (log Pow):		Not applicable
Viscosity, dynamic:		Not tested
% Volatiles:		not determined
Solubility in water:		Forms a viscous solution
Solubility in other solvents:		Not tested

10. Stability and Reactivity

Stability:

Stable.

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Toxicity to aquatic invertebrates:

Daphnia magna/48 h/EC50: > 50 mg/l

(under static-renewal conditions in the presence of humic acid) (highest tested concentration)

Ceriodaphnia dubia/48 h/LC50: 110 mg/l

(under static conditions in the presence of 10 mg/L humic acid)

Ceriodaphnia dubia/168 h/EC50: 3.6 mg/l

(under static-renewal conditions in the presence of humic acid) By analogy with a product of similar composition

Toxicity to aquatic plants:

not determined

Toxicity to microorganisms:

not determined

Biodegradation:

13. Disposal Considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261.21).

14. Transport Information

U.S. Department of Transportation

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

Road transport:

Special shipping information: Not classified as a dangerous good under transport regulations.

Air transport:

Special shipping information: Not classified as a dangerous good under transport regulations.

Inland-waterway transport:

Special shipping information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information

US: Toxic Substances Control Act (TSCA):

All component(s) comprising this product are either exempt or listed on the TSCA inventory

United States - Regulations

SARA Section 311/312 Hazard Communication Standard:

Acute Health:	Y	Fire:	N
Chronic Health:	N	Reactivity:	N
		Sudden release of pressure:	N

SARA Section 313 Toxic Chemical List:

This product does not contain any components reportable under Sec 313 (40 CFR 372).