



The Chemical Company

Safety Data Sheet

MAGNAFLOC® LT340

Revision date : 2010/08/30

Version: 1.0

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(30481496/SDS GEN_US/EN)

1. Product and Company Identification

Use: flocculation agent

Company
BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

2. Hazards Identification

Emergency overview

CAUTION:

Contact with the eyes or skin may cause mechanical irritation.

Caution - Slippery when wet!

Organic powders may be capable of generating static discharges and creating explosive mixtures in air. Handle with caution.

Use with local exhaust ventilation.

Wear protective clothing.

State of matter: solid

Colour: off-white

Odour: odourless

Potential health effects

Primary routes of exposure:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Chronic toxicity:

Carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity: No data for product. No effects anticipated

Teratogenicity: No data available concerning teratogenic effects. (CIBA) No effects anticipated.

Genotoxicity: The chemical structure does not suggest a mutagenic effect.

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3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
25085-02-3	85.0 - 95.0 %	2-Propenoic acid, sodium salt, polymer with 2-propenamide

4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

If on skin:

Wash thoroughly with soap and water.

If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions); no known specific antidote.

5. Fire-Fighting Measures

Flash point:

not applicable

Suitable extinguishing media:

dry powder, foam

Unsuitable extinguishing media for safety reasons:

water jet, carbon dioxide

Additional information:

If water is used, restrict pedestrian and vehicular traffic in areas where slip hazard may exist.

Hazards during fire-fighting:

carbon oxides, nitrogen oxides

The substances/groups of substances mentioned can be released in case of fire. Very slippery when wet.

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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6. Accidental release measures

Personal precautions:

Avoid dust formation. Use personal protective clothing.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater.

Cleanup:

Spilled product which becomes wet or spilled aqueous solution create a hazard because of their slippery nature.

Avoid raising dust.

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

Further information:

Spills are very slippery. Restrict pedestrian and vehicular traffic in area of spill until spill is thoroughly cleaned up.

7. Handling and Storage

Handling

General advice:

Breathing must be protected when large quantities are decanted without local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Forms slippery surfaces with water.

Protection against fire and explosion:

Avoid dust formation. Take precautionary measures against static discharges.

Storage

General advice:

Store in unopened original containers in a cool and dry place. Avoid wet, damp or humid conditions, temperature extremes and ignition sources.

8. Exposure Controls and Personal Protection

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	powder
Odour:	odourless
Colour:	off-white

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Melting point:		The substance / product decomposes therefore not determined.
Bulk density:	approx. 750 kg/m ³	
% volatiles:		not determined
Solubility in water:		forms a viscous solution.

10. Stability and Reactivity

Conditions to avoid:

Avoid extreme temperatures. Avoid dust formation. Avoid electro-static discharge. Avoid sources of ignition.

Substances to avoid:

strong acids, strong bases, strong oxidizing agents

Hazardous reactions:

The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions.

Stable under normal conditions.

No hazardous reactions known.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

Acute toxicity

Oral:

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg (OECD Guideline 401)

Irritation / corrosion

Skin:

Species: rabbit

Result: non-irritant

Method: OECD Guideline 404

Eye:

Species: rabbit

Result: non-irritant

Sensitization:

Result: Non-sensitizing

Other Information:

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

12. Ecological Information

Fish

Acute
static

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Oncorhynchus mykiss/LC50 (96 h): > 100 mg/l
(under static conditions in the presence of 10 mg/L humic acid)

Aquatic invertebrates

Acute:
Daphnia magna/LC50 (48 h): > 100 mg/l

Other adverse effects:

The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition

13. Disposal considerations

Waste disposal of substance:
Dispose of in accordance with national, state and local regulations.

Container disposal:
Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA:
Not a hazardous waste under RCRA (40 CFR 261).

14. Transport Information

Land transport USDOT

Not classified as a dangerous good under transport regulations

Sea transport IMDG

Not classified as a dangerous good under transport regulations

Air transport IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

VOC content:

not determined

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

TSCA, US released / listed

OSHA hazard category: This material is classified as not hazardous under OSHA regulations.