

# Safety Data Sheet

## Magnafloc® E38

Revision date : 2013/05/28

Version: 2.0

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(30483471/SDS\_GEN\_US/EN)

### 1. Product and Company Identification

Company

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

### 2. Hazards Identification

Emergency overview**WARNING:**

This product can cause skin and eye irritation.  
Inhalation may cause respiratory irritation.  
Caution - Slippery when wet!  
Avoid contact with the skin, eyes and clothing.  
Wear NIOSH-certified chemical goggles.  
Use NIOSH approved respirator as needed to mitigate exposure.  
Eye wash fountains and safety showers must be easily accessible.

State of matter: liquid  
Colour: off-white  
Odour: ammonia-like

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.

**Irritation / corrosion:**

Irritating to eyes and skin. The product has not been tested. The statement has been derived from the properties of the individual components.

**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 available.

**Teratogenicity:** No data available.

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**Genotoxicity:** No data was available concerning mutagenic activity.

**Signs and symptoms of overexposure:**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Further important symptoms and effects are so far not known.

**Potential environmental effects**

**Degradation / environmental fate:**

No data available.

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### 3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
64742-47-8	15.0 - 40.0 %	Distillates (petroleum), hydrotreated light
68439-50-9	0.5 - 1.5 %	fatty alcohol ethoxylate
68551-12-2	0.5 - 1.5 %	Alcohols, C12-16, ethoxylated
	0.5 - 1.5 %	Alcohols, C10-16, ethoxylated

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### 4. First-Aid Measures

**General advice:**

Immediately remove contaminated clothing.

**If inhaled:**

Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

**If on skin:**

Wash affected areas thoroughly with soap and water. 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.

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### 5. Fire-Fighting Measures

Flash point:	> 93 °C	(JIS K 2265-3, closed cup)
Flammability:	not flammable	
Self-ignition temperature:		not self-igniting

**Suitable extinguishing media:**

water spray, dry powder, alcohol-resistant foam

**Hazards during fire-fighting:**

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

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**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**Further information:**

Contaminated extinguishing water must be disposed of in accordance with official regulations.

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### 6. Accidental release measures

**Personal precautions:**

Use personal protective clothing.

**Environmental precautions:**

Do not discharge into drains/surface waters/groundwater.

**Cleanup:**

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

**Further information:**

High risk of slipping due to leakage/spillage of product.

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### 7. Handling and Storage

**Handling****General advice:**

No special measures necessary provided product is used correctly.

**Protection against fire and explosion:**

No special precautions necessary.

**Storage****General advice:**

Keep container tightly closed and dry; store in a cool place. Do not use or store in iron, copper or aluminium containers or equipment.

**Temperature tolerance**

Protect from temperatures below: 10 °C

If frozen, thaw out slowly and stir well before use.

Protect from temperatures above: 40 °C

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### 8. Exposure Controls and Personal Protection

**Components with occupational exposure limits**

Distillates (petroleum),  
hydrotreated light

ACGIH

TWA value 200 mg/m3 Non-aerosol (total hydrocarbon vapor);

Application restricted to conditions in which there are negligible aerosol exposures.

Skin Designation Non-aerosol (total hydrocarbon vapor);

The substance can be absorbed through the skin.

Distillates (petroleum),

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hydrotreated light	ACGIH	TWA value 200 mg/m3 Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures. Skin Designation Non-aerosol (total hydrocarbon vapor); The substance can be absorbed through the skin.
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### Advice on system design:

Ensure adequate ventilation.

### Personal protective equipment

#### Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapour/aerosol release.

#### Hand protection:

Wear chemical resistant protective gloves.

#### Eye protection:

Safety glasses with side-shields.

#### Body protection:

Impermeable protective clothing

#### General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

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## 9. Physical and Chemical Properties

Form:	emulsion	
Odour:	ammonia-like	
Colour:	off-white	
pH value:	approx. 7	
Melting point:		not applicable
Boiling point:	> 100 °C	
Density:	approx. 1.0 g/cm3	( 20 °C)
Partitioning coefficient n-octanol/water (log Pow):		Study scientifically not justified.
% volatiles:		not determined
Solubility in water:		dispersible
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

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## 10. Stability and Reactivity

### Substances to avoid:

reactive chemicals, oxidizing agents, strong oxidizing agents

### Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

### Decomposition products:

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

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### 11. Toxicological information

#### Acute toxicity

##### Oral:

Type of value: LD50  
Species: rat  
Value: > 5,000 mg/kg

##### Inhalation:

Type of value: LC50  
Species: rat  
Value: > 20 mg/l

##### Dermal:

Type of value: LD50  
Species: rabbit  
Value: > 2,000 mg/kg

#### Irritation / corrosion

##### Skin:

Species: rabbit  
Result: Irritant.

##### Eye:

Result: Irritating.

#### Other Information:

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

### 12. Ecological Information

#### Fish

##### Acute:

OECD Guideline 203 Brachydanio rerio/LC50 (96 h): > 100 mg/l

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Aquatic invertebrates

##### Acute:

other shrimp/EC50 (48 h): 7.4 mg/l

OECD Guideline 202, part 1 Daphnia magna/EC50 (48 h): > 100 mg/l

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Aquatic plants

##### Toxicity to aquatic plants:

ISO/DIS 10253 Skeletonema costatum/EC50 (72 h): 27 mg/l

OECD Guideline 201 green algae/EC50 (72 h): > 100 mg/l

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

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### Bioaccumulation

Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.

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## 13. Disposal considerations

### Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

### 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).

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## 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

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## 15. Regulatory Information

### VOC content:

not determined

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

#### OSHA hazard category:

Skin and/or eye irritant; This material is classified as hazardous under OSHA regulations.

#### EPCRA 311/312 (Hazard categories):

Acute;

CERCLA RQ  
5000 LBS

CAS Number  
79-06-1

Chemical name  
acrylamide

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### State regulations

State RTK  
MA, NJ, PA

CAS Number  
64742-47-8

Chemical name  
Distillates (petroleum), hydrotreated light

### **CA Prop. 65:**

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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## 16. Other Information

### **NFPA Hazard codes:**

Health : 1      Fire: 1      Reactivity: 0      Special: -

### **HMIS III rating**

Health: 1      Flammability: 1      Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

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### **SDS Prepared by:**

BASF NA Product Regulations  
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SDS Prepared on: 2013/05/28

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