

# Safety Data Sheet

## FoamStar® ST 2412

Revision date : 2018/08/03

Version: 5.0

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(30535109/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

#### **FoamStar® ST 2412**

#### Recommended use of the chemical and restriction on use

Recommended use\*: defoamer

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

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

Telephone: +1 973 245-6000

#### Emergency telephone number

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

#### Other means of identification

Chemical family: mineral oil, Polymer, non-ionic surfactants

### 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Classification of the product

No need for classification according to GHS criteria for this product.

#### Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

#### Hazards not otherwise classified

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No specific dangers known, if the regulations/notes for storage and handling are considered.

### 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
64742-65-0	> 90.0 - < 95.0%	Distillates (petroleum), solvent-dewaxed heavy paraffinic

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

Remove contaminated clothing.

##### If inhaled:

Remove the affected individual into fresh air and keep the person calm. 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. If irritation develops, seek medical attention.

##### If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

#### Most important symptoms and effects, both acute and delayed

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

#### Indication of any immediate medical attention and special treatment needed

##### Note to physician

Treatment:

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

### 5. Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media:  
water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons:  
water jet

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### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

harmful vapours

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

### Advice for fire-fighters

Protective equipment for fire-fighting:

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

### 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, protective equipment and emergency procedures

Use personal protective clothing.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

Spills should be contained, solidified, and placed in suitable containers for disposal.

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## 7. Handling and Storage

### Precautions for safe handling

Keep away from sources of ignition - No smoking.

Protection against fire and explosion:

Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place. Stir before use.

Protect from temperatures below: 10 °C

Protect from temperatures above: 35 °C

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## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

Distillates (petroleum), solvent-dewaxed heavy paraffinic	OSHA PEL  ACGIH TLV	PEL 5 mg/m3 Mist ; TWA value 5 mg/m3 Mist ; TWA value 5 mg/m3 Inhalable fraction ;
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### Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

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### Personal protective equipment

#### **Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapour/aerosol release. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. Observe OSHA regulations for respirator use (29 CFR 1910.134).

#### **Hand protection:**

Chemical resistant protective gloves

#### **Eye protection:**

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

#### **General safety and hygiene measures:**

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

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	of petroleum distillate (e.g. gasoline, kerosene)
Odour threshold:	No applicable information available.
Colour:	cream
pH value:	not soluble, not applicable
Freezing point:	not determined
boiling temperature:	> 200 °C
Flash point:	> 190 °C
	Information applies to the solvent.
Flammability:	not determined
Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:	Not determined.
Autoignition:	not determined
Vapour pressure:	not determined
Density:	approx. 0.8100 - 0.8630 g/cm <sup>3</sup> ( 20 °C)
Relative density:	0.8100 - 0.8630 ( 20 °C)
Vapour density:	not determined
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures
Self-ignition temperature:	not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, kinematic:	> 20.5 mm <sup>2</sup> /s ( 40 °C) The product has not been tested., Information based on the main components.
Solubility in water:	( 20 °C) insoluble
Solubility (qualitative):	soluble solvent(s): organic solvents,
Evaporation rate:	not determined

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### 10. Stability and Reactivity

#### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:  
not fire-propagating

#### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### Possibility of hazardous reactions

Reacts with strong oxidizing agents.

#### Conditions to avoid

None if used for intended purpose.

#### Incompatible materials

None known during use and storage if used according to instructions.

#### Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

### 11. Toxicological information

#### Primary routes of exposure

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

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

##### Oral

Type of value: LD50

Value: > 2,000 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

##### Inhalation

Type of value: LC50

Species: rat

Exposure time: 4 h

not determined

##### Dermal

Type of value: LD50

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Species: rat  
not determined

Assessment other acute effects  
No data available.

Irritation / corrosion  
Assessment of irritating effects: Not irritating to eyes and skin.

Skin  
Species: rabbit  
Result: non-irritant  
The product has not been tested. The statement has been derived from the properties of the individual components.

Eye  
Species: rabbit  
Result: non-irritant  
The product has not been tested. The statement has been derived from the properties of the individual components.

Aspiration Hazard  
No aspiration hazard expected.

### Chronic Toxicity/Effects

Repeated dose toxicity  
Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.

Genetic toxicity  
Assessment of mutagenicity: Based on the ingredients, there is no suspicion of a mutagenic effect.

Carcinogenicity  
Assessment of 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  
Assessment of reproduction toxicity: Based on the ingredients, there is no suspicion of a toxic effect on reproduction.

Teratogenicity  
Assessment of teratogenicity: Based on the ingredients, there is no suspicion of a teratogenic effect.

### Symptoms of Exposure

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

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## 12. Ecological Information

### Toxicity

Toxicity to fish  
LC50 (96 h) > 100 mg/l, Fish

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The product has not been tested. The statement has been derived from the properties of the individual components.

#### Aquatic invertebrates

LC50 (48 h), daphnia  
not determined

#### Aquatic plants

EC50 (72 h), algae  
not determined

#### Chronic toxicity to fish

No data available.

#### Chronic toxicity to aquatic invertebrates

No data available.

### Microorganisms/Effect on activated sludge

#### Toxicity to microorganisms

bacteria/EC0 (0.5 h): > 10 - 100 mg/l

The product has not been tested. The statement has been derived from the properties of the individual components.

### Persistence and degradability

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

Poorly biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

### Bioaccumulative potential

#### Assessment bioaccumulation potential

The product has not been tested.

### Mobility in soil

#### Assessment transport between environmental compartments

No data available.

### Additional information

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

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## 13. Disposal considerations

#### **Waste disposal of substance:**

Avoid landfilling liquids. Must be disposed of or incinerated in accordance with local regulations.

#### **Container disposal:**

Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.  
Dispose of in accordance with national, state and local regulations.

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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

### 15. Regulatory Information

#### Federal Regulations

**Registration status:**

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### State regulations

**State RTK**

PA

**CAS Number**

64742-65-0

**Chemical name**

Distillates (petroleum), solvent-dewaxed heavy paraffinic

#### **Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

**WARNING:** This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**NFPA Hazard codes:**

Health: 1

Fire: 1

Reactivity: 0

Special:

### 16. Other Information

**SDS Prepared by:**

BASF NA Product Regulations

SDS Prepared on: 2018/08/03

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring



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the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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