



We create chemistry

# Safety Data Sheet

## Starvis C 102 F

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### 1. Identification

**Product identifier used on the label**

**Starvis C 102 F**

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

Recommended use\*: Additive for cement industry  
Recommended use\*: for industrial and professional users

\* 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**

24 Hour Emergency Response Information

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

**Other means of identification**

Chemical family: No data available.

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### 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**

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

### Hazards not otherwise classified

The product is under certain conditions capable of dust explosion.

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## 3. Composition / Information on Ingredients

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

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

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## 4. First-Aid Measures

### Description of 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. If irritation develops, seek medical attention.

#### If swallowed:

Rinse mouth and then drink 200-300 ml of water. Do not induce vomiting. Seek medical attention.

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

Symptoms: (Further) symptoms and / or effects are not known so far

Hazards: No applicable information available.

### 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.

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## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
dry powder, foam

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Unsuitable extinguishing media for safety reasons:  
carbon dioxide

Additional information:  
Avoid whirling up the material/product because of the danger of dust explosion.

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
harmful vapours  
Generation 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:

Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use personal protective clothing.

### Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with suitable appliance and dispose of. Dispose of contaminated material as prescribed. After cleaning flush away traces with water.  
For large amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.  
Do not rinse with water. Avoid raising dust. After cleaning flush away traces with water.

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## 7. Handling and Storage

### Precautions for safe handling

Avoid dust formation. Wear suitable protective clothing and eye/face protection. Avoid inhalation of dusts/mists/vapours. Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:  
Dust can form an explosive mixture with air.

### Conditions for safe storage, including any incompatibilities

No applicable information available.

Suitable materials for containers: High density polyethylene (HDPE), Paper/Fibreboard

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Further information on storage conditions: Containers should be stored tightly sealed in a dry place. Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

### 8. Exposure Controls/Personal Protection

No substance specific occupational exposure limits known.

#### Advice on system design:

No applicable information available.

#### Personal protective equipment

##### Respiratory protection:

Wear a NIOSH-certified (or equivalent) 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.

### 9. Physical and Chemical Properties

Form:	granules	
Odour:	characteristic	
Odour threshold:	No applicable information available.	
Colour:	white to slightly coloured	
pH value:	approx. 7 - 9.8 ( 1 %(m), 20 °C)	
Melting temperature:	The substance / product decomposes therefore not determined.	
boiling temperature:	Study scientifically not justified.	
Sublimation point:	No applicable information available.	
Flash point:	not applicable	
Flammability:	not flammable	
Lower explosion limit:	not determined By analogy with a product of similar composition	
Upper explosion limit:	No applicable information available.	
Autoignition:	520 °C The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.	(BS EN 50281-2-1 Method B)
Vapour pressure:	The product has not been tested.	
Density:	No data available.	

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Relative density:	No applicable information available.	
Bulk density:	approx. 500 kg/m <sup>3</sup>	
Vapour density:	No applicable information available.	
Partitioning coefficient n-octanol/water (log Pow):	Study does not need to be conducted.	
Self-ignition temperature:	Data for powdery solid. not determined	(VDI 2263, sheet 1, 1.4.2 (May 1990))
Thermal decomposition:	not determined	
Viscosity, dynamic:	not applicable	
Viscosity, kinematic:	No applicable information available.	
Particle size:	No data available.	
Solubility in water:	( 20 °C) soluble	
Miscibility with water:	( 20 °C) soluble	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	No applicable information available.	
Evaporation rate:	No applicable information available.	

## 10. Stability and Reactivity

### Reactivity

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

Corrosion to metals:

Corrosive effects to metal are not anticipated.

Oxidizing properties:

not fire-propagating

Minimum ignition energy:

> 10 J, Inductivity: 1 mH, Grain size distribution: < 63 µm  
with inductivity

### Chemical stability

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

### Possibility of hazardous reactions

Dust explosion hazard.

### Conditions to avoid

Avoid dust formation. Avoid deposition of dust. Avoid all sources of ignition: heat, sparks, open flame. See SDS section 7 - Handling and storage.

### Incompatible materials

strong acids, strong bases, strong oxidizing agents, strong reducing agents

### Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:

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not determined

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## 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. Based on available data, the classification criteria are not met.

#### Oral

Type of value: LD50

Species: rat

Value: > 5,000 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

Species: rat

not determined

#### Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

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

#### Irritation / corrosion

Assessment of irritating effects: No irritation is expected under intended use and appropriate handling. Based on available data, the classification criteria are not met.

#### 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

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

### Sensitization

Assessment of sensitization: No sensitizing effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Species: guinea pig

Result: Non-sensitizing.

Method: OECD Guideline 406

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: No reliable data was available concerning repeated dose toxicity. Based on available data, the classification criteria are not met.

### Genetic toxicity

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

### Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

### 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.

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## **12. Ecological Information**

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

Based on available data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

#### Toxicity to fish

LC50 (96 h), Fish (other)

not determined

#### Aquatic invertebrates

LC50 (48 h), daphnia (other)

not determined

#### Aquatic plants

EC50 (72 h), algae (other)

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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  
other  
bacteria/EC50 (0.5 h):  
not determined

### Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O)  
Not readily biodegradable (by OECD criteria). The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

### Bioaccumulative potential

Assessment bioaccumulation potential  
No data available.

### Mobility in soil

Assessment transport between environmental compartments  
No data available.

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## 13. Disposal considerations

### Waste disposal of substance:

Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regulations.

### Container disposal:

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

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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

#### Federal Regulations

##### **Registration status:**

Chemical TSCA, US released / listed  
TSCA § 5 commenced PMN

on confidential inventory

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

#### State regulations

##### State RTK

NJ

##### CAS Number

79-06-1

##### Chemical name

acrylamide

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

**WARNING:** This product can expose you to chemicals including ACRYLAMIDE, 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: 0 Reactivity: 0 Special:

#### **HMIS III rating**

Health: 0 Flammability: 1 Physical hazard:

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### 16. Other Information

#### **SDS Prepared by:**

BASF NA Product Regulations  
SDS Prepared on: 2025/04/01

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 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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