

# Safety data sheet

Page: 1/9

BASF Safety data sheet  
Date / Revised: 23.07.2019  
Product: **Starvis C 102 F**

Version: 2.0

(30858878/SDS\_GEN\_NZ/EN)

Date of print 09.10.2025

## 1. Substance/preparation and manufacturer/supplier identification

### Starvis C 102 F

Use: Additive for cement industry

Manufacturer/supplier:

BASF New Zealand Ltd.  
5E City Works Depot  
77 Cook Street  
Auckland Central, Auckland 1010  
NEW ZEALAND  
Telephone: +64 9 255-4300  
Telefax number: +64 9 255-4307

Emergency information:

National Poisons Centre: 0800 764 766  
BASF Emergency Advice Number: 0800 944 955 (24 hour advice in an emergency only)  
BASF Emergency Advice Number: +61 3 8855 6666 (If calling from outside New Zealand)

## 2. Hazard identification

Classification of the substance and mixture:

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

Label elements and precautionary statement:

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

Other hazards which do not result in classification:

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

### 3. Composition/information on ingredients

#### Chemical nature

copolymer, synthetic, high molecular

#### Hazardous ingredients

acrylamide

Content (W/W): < 0.1 %  
CAS Number: 79-06-1

Acute Tox.: Cat. 3 (oral)  
Acute Tox.: Cat. 4 (Inhalation - mist)  
Acute Tox.: Cat. 4 (dermal)  
Skin Corr./Irrit.: Cat. 2  
Eye Dam./Irrit.: Cat. 2A  
Skin Sens.: Cat. 1B  
Muta.: Cat. 1B  
Carc.: Cat. 1B  
Repr.: Cat. 2 (fertility)  
STOT RE: Cat. 1  
Aquatic Acute: Cat. 3

### 4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled:

After inhalation of dust. Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting.

Note to physician:

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

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

### 5. Fire-Fighting Measures

Suitable extinguishing media:

BASF Safety data sheet  
Date / Revised: 23.07.2019  
Product: **Starvis C 102 F**

Version: 2.0

(30858878/SDS\_GEN\_NZ/EN)

Date of print 09.10.2025

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:  
water jet

Specific hazards:

carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

---

## 6. Accidental Release Measures

Personal precautions:

Do not breathe dust. Wear eye/face protection. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:

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

Methods for cleaning up or taking 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.

---

## 7. Handling and Storage

### 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:

Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy. Keep away from sources of ignition - No smoking. Dust can form an explosive mixture with air.

### Storage

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

(30858878/SDS\_GEN\_NZ/EN)

Date of print 09.10.2025

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 and personal protection

### Components with occupational exposure limits

acrylamide, 79-06-1;

Skin Designation (ACGIHTLV), Inhalable fraction and vapor

The substance can be absorbed through the skin.

TWA value 0.03 mg/m<sup>3</sup> (ACGIHTLV), Inhalable fraction and vapor

TWA value 0.03 mg/m<sup>3</sup> (OEL (NZ))

Skin Designation (OEL (NZ))

Skin absorption can be significant.

### Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Particle filter with low efficiency for solid particles (e.g. EN 143 or 149, Type P1 or FFP1)

Hand protection:

impermeable gloves

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

light protective clothing

General safety and hygiene measures:

Avoid inhalation of dusts. Wearing of closed work clothing is required additionally to the stated personal protection equipment. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

## 9. Physical and Chemical Properties

|                  |                                      |
|------------------|--------------------------------------|
| Form:            | granules                             |
| Colour:          | white to slightly coloured           |
| Odour:           | characteristic                       |
| Odour threshold: | No applicable information available. |

|           |  |
|-----------|--|
| pH value: | approx. 7 - 9.8<br>(water, 1 % (m), 20 °C) |
|-----------|--|

BASF Safety data sheet  
 Date / Revised: 23.07.2019  
 Product: **Starvis C 102 F**

Version: 2.0

(30858878/SDS\_GEN\_NZ/EN)

Date of print 09.10.2025

|   |  |  |
|---|--|--|
| Melting temperature:                                | The substance / product decomposes therefore not determined.   |  |
| boiling temperature:                                | Study scientifically not justified.  |  |
| Flash point:  | not applicable   |  |
| Flammability (solid/gas):                           | not flammable  |  |
| Lower explosion limit:                              | 250 g/m <sup>3</sup><br>not determined, By analogy with a product of similar composition   |  |
| Ignition temperature:                               | 520 °C<br>The product has not been tested.<br>The statement has been derived from substances/products of a similar structure or composition. | (BS EN 50281-2-1 Method B)   |
| Thermal decomposition:                              | No decomposition if stored and handled as prescribed/indicated.  |  |
| Self ignition:                                      | Data for powdery solid.<br>not determined  | Test type: Self-ignition at high temperatures.<br>(Method: VDI 2263, sheet 1, 1.4.2) |
| Self heating ability:                               | Study does not need to be conducted.   |  |
| Minimum ignition energy:                            | > 10 J<br>Inductivity: 1 mH<br>Grain size distribution: < 63 µm with inductivity   |  |
| Explosion hazard:                                   | not explosive  |  |
| Fire promoting properties:                          | not fire-propagating   |  |
| Vapour pressure:                                    | The product has not been tested.   |  |
| Bulk density:                                       | approx. 500 kg/m <sup>3</sup>  |  |
| Solubility in water:                                | soluble<br>(20 °C)   |  |
| Miscibility with water:                             | (20 °C)<br>soluble   |  |
| Hygroscopy:   | hygroscopic  |  |
| Partitioning coefficient n-octanol/water (log Pow): | Study does not need to be conducted.   |  |
| Viscosity, dynamic:                                 | not applicable   |  |

BASF Safety data sheet  
Date / Revised: 23.07.2019  
Product: **Starvis C 102 F**

Version: 2.0

(30858878/SDS\_GEN\_NZ/EN)

Date of print 09.10.2025

Solids content: > 91 %

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

---

## 10. Stability and Reactivity

Conditions to avoid:

See MSDS section 7 - Handling and storage.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:

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

Corrosion to metals: Corrosive effects to metal are not anticipated.

Hazardous reactions:

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

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

---

## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. Based on available Data, the classification criteria are not met. The product has not been tested. The statement has been derived from the properties of the individual components.

### Irritation

Assessment of irritating effects:

No irritation is expected under intended use and appropriate handling. Based on available Data, the classification criteria are not met.

### Respiratory/Skin sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential.

### Germ cell mutagenicity

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### Carcinogenicity

**Assessment of carcinogenicity:**

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

**Reproductive toxicity****Assessment of reproduction toxicity:**

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

**Developmental toxicity****Assessment of teratogenicity:**

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

**Specific target organ toxicity (single exposure):**

Remarks: Based on available Data, the classification criteria are not met.

**Repeated dose toxicity and Specific target organ toxicity (repeated exposure)****Assessment of repeated dose toxicity:**

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

**Aspiration hazard**

No aspiration hazard expected.

**Other relevant toxicity information**

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

---

**12. Ecological Information****Ecotoxicity****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.

**Mobility****Assessment transport between environmental compartments:**

No data available.

**Bioaccumulation potential**

Assessment bioaccumulation potential:  
Discharge into the environment must be avoided.

### Additional information

Other ecotoxicological advice:  
Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

---

## 13. Disposal Considerations

Observe national and local legal requirements.  
Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging:  
Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

---

## 14. Transport Information

### Domestic transport:

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

### Other regulations

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

A certified handler is not required for the handling of this substance.  
Tracking requirements do not apply to this substance.

---



BASF Safety data sheet  
Date / Revised: 23.07.2019  
Product: **Starvis C 102 F**

Version: 2.0

(30858878/SDS\_GEN\_NZ/EN)

Date of print 09.10.2025

## 16. Other Information

---

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.