

# Safety data sheet

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BASF Safety data sheet  
Date / Revised: 07.05.2019  
Product: **Master X-Seed STE 100**

Version: 1.0

(30732306/SDS\_GEN\_AU/EN)

Date of print 09.08.2019

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

### Master X-Seed STE 100

Use: Product for construction chemicals

Manufacturer/supplier:

BASF Australia Limited (ABN 62 008 437 867)  
Level 12, 28 Freshwater Place Southbank  
Victoria 3006, AUSTRALIA  
Telephone: +61 3 8855-6600  
Telefax number: +61 3 8855-6511

Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]  
BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

## 2. Hazard identification

Classification of the substance and mixture:

Acute toxicity: Cat. 5 (oral)

Serious eye damage/eye irritation: Cat. 1

Label elements and precautionary statement:

Pictogram:



Signal Word:

Danger

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## Hazard Statement:

H318 Causes serious eye damage.  
H303 May be harmful if swallowed.

## Precautionary Statements (Prevention):

P280 Wear eye/face protection.

## Precautionary Statements (Response):

P310 Immediately call a POISON CENTER or doctor/physician.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 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

Aqueous solution based on: sodium thiocyanate

#### Hazardous ingredients

## sodium thiocyanate

Content (W/W):  $\geq 10\%$  -  $< 20\%$  Acute Tox.: Cat. 4 (Inhalation - dust)  
CAS Number: 540-72-7 Acute Tox.: Cat. 4 (oral)  
Acute Tox.: Cat. 4 (dermal)  
Eye Dam./Irrit.: Cat. 1  
Aquatic Acute: Cat. 3  
Aquatic Chronic: Cat. 3

## 1,1',1"-nitrilotripropan-2-ol

Content (W/W):  $\geq 7\%$  -  $< 10\%$  Acute Tox.: Cat. 5 (oral)  
CAS Number: 122-20-3 Skin Corr./Irrit.: Cat. 3  
Eye Dam./Irrit.: Cat. 1

## tributyl phosphate

Content (W/W):  $\geq 0.2\%$  -  $< 0.3\%$  Acute Tox.: Cat. 4 (oral)  
CAS Number: 126-73-8 Skin Corr./Irrit.: Cat. 2  
Carc.: Cat. 2

### 4. First-Aid Measures

## General advice:

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

## If inhaled:

Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.

**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 unless told to by a poison control center or doctor.

**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.

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## 5. Fire-Fighting Measures

**Suitable extinguishing media:**

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.

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## 6. Accidental Release Measures

**Personal precautions:**

Avoid breathing dust/fume/gas/mist/vapours/spray. 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 absorbed material in accordance with regulations.

For large amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

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## 7. Handling and Storage

### Handling

Avoid inhalation of dusts/mists/vapours. Avoid skin contact. Ensure adequate ventilation. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.

### Storage

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

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## 8. Exposure controls and personal protection

### Components with occupational exposure limits

tributyl phosphate, 126-73-8;

TWA value 5 mg/m<sup>3</sup> (ACGIHTLV), Inhalable fraction and vapor

TWA value 2.2 mg/m<sup>3</sup> ; 0.2 ppm (AU NOEL)

TWA value 2.2 mg/m<sup>3</sup> ; 0.2 ppm (OEL (AU))

### Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:

impermeable gloves

Synthetic rubber gloves

Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

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

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Do not inhale dust/fumes/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene

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and safety practice. Wearing of closed work clothing is recommended. 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). When using do not eat or drink.

## 9. Physical and Chemical Properties

Form: liquid  
Colour: brownish  
Odour: odourless  
Odour threshold: No applicable information available.

pH value: 11.1  
(23 °C)

Boiling point: approx. 100 °C

Flash point: not applicable

Flammability (solid/gas): not flammable

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.  
Self ignition: not self-igniting

Explosion hazard: not explosive  
Fire promoting properties: not fire-propagating

Vapour pressure: not applicable

Density: 1.095 g/cm<sup>3</sup>  
(23 °C)

Solubility in water: soluble  
Hygroscopy: Non-hygroscopic  
Partitioning coefficient n-octanol/water (log Pow): not applicable for mixtures

Solids content: 28 g/l

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:

No substances known that should be avoided.

Corrosion to metals: No corrosive effect on metal.

Hazardous reactions:

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

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

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## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:

Of low toxicity after single ingestion.

### Irritation

Assessment of irritating effects:

May cause severe damage to the eyes.

### Respiratory/Skin sensitization

Assessment of sensitization:

A sensitizing effect on particularly sensitive individuals cannot be excluded. Based on available Data, the classification criteria are not met.

### 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:

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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):**

Assessment of STOT single:

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**

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

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**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.

**Persistence and degradability**

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

Not readily biodegradable (by OECD criteria).

**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.  
The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities.  
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.  
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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### 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

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### 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.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not Scheduled

**Registration status:**

AICS, AU

released; restriction on quantity / not listed

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## 16. Other Information

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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.