

Safety data sheet

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BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 22.04.2022

Version: 2.3

Product: **Sterocoll® BL**

(ID no. 30054405/SDS_GEN_00/EN)

Date of print 21.10.2025

1. Identification

Product identifier

Sterocoll® BL

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: thickener for coating colours

Details of the supplier of the safety data sheet

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Global Business Unit Resins and Additives

Telephone: +49 621 60-0

E-mail address: ed-psr@basf.com

Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

2. Hazards Identification

Classification of the substance or mixture

According to UN GHS criteria

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

Label elements

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Globally Harmonized System (GHS)

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

Other hazards

According to UN GHS criteria

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

3. Composition/Information on Ingredients

Substances

Not applicable

Mixtures

Chemical nature

polyacrylamide, anionic modified

emulsified in: aliphatic hydrocarbons, Water

Hazardous ingredients (GHS)

According to UN GHS criteria

| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Content (W/W): $\geq 20\%$ - $\leq 30\%$ Asp. Tox. 1

CAS Number: 64742-47-8 H304

isotridecanoethoxylate

Content (W/W): $\geq 2\%$ - $\leq 3,5\%$ Acute Tox. 4 (oral)

CAS Number: 69011-36-5 Eye Dam./Irrit. 1

EC-Number: 500-241-6 Aquatic Acute 2
H318, H302, H401

For the classifications not written out in full in this section the full text can be found in section 16.

4. First-Aid Measures

Description of first aid measures

Remove contaminated clothing.

If inhaled:

If difficulties occur: Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water

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On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

On ingestion:

Rinse mouth and then drink 200-300 ml of water.

Most important symptoms and effects, both acute and delayed

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

Hazards: No hazard is expected under intended use and appropriate handling.

Indication of any immediate medical attention and special treatment needed

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures**Extinguishing media**

Suitable extinguishing media:
water spray, dry powder, foam

Special hazards arising from the substance or mixture

carbon oxides, nitrogen oxides
Spilled product is slippery underfoot.

Advice for fire-fighters

Special protective equipment:
Wear a self-contained breathing apparatus.

Further information:

Contain contaminated water/firefighting water.

6. Accidental Release Measures

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

Personal precautions, protective equipment and emergency procedures

Take appropriate protective measures.

Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

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

For large amounts: Do not spread product with water. Dike spillage. Pick up with suitable appliance and dispose of.

7. Handling and Storage

Precautions for safe handling

Ensure thorough ventilation of stores and work areas. Avoid contact with skin and eyes. Avoid freezing.

Protection against fire and explosion:
No special precautions necessary.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: Stainless steel 1.4401, Stainless steel 1.4301 (V2), Polyester resin, glass reinforced (Palatal A410), High density polyethylene (HDPE), Low density polyethylene (LDPE), enamelled

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

Storage stability:
Storage temperature: 5 - 30 °C

Protect from temperatures below: 5 °C
The packed product is destroyed at low temperatures or by frost.
Protect from temperatures above: 30 °C
The packed product will be damaged by high temperatures.

Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8. Exposure Controls/Personal Protection

Control parameters

Components with occupational exposure limits

64742-47-8: Distillates (petroleum), hydrotreated light

Exposure controls

Personal protective equipment

Respiratory protection:

Respiratory protection in case of vapour/aerosol release. Suitable respiratory protection for higher concentrations or long-term effect: Gas filter for gases/vapours of organic compounds (boiling point >65 °C, e. g. EN 14387 Type A)

Hand protection:

Suitable chemical resistant safety gloves (EN ISO 374-1) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc. Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g.

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temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Eye protection:

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

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

| | |
|--------------------------------|--|
| Form: | emulsion |
| Colour: | off-white cloudy |
| Odour: | aliphatic |
| Odour threshold: | |
| pH value: | not determined approx. 5 - 8 (5 g/l) |
| freezing range: | approx. 0 °C |
| Boiling point: | approx. 100 °C (760 mmHg) |
| Flash point: | > 100 °C |
| Evaporation rate: | Value can be approximated from Henry's Law Constant or vapor pressure. |
| Flammability: | No data available. |
| 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: | For liquids not relevant for classification and labelling. |
| Ignition temperature: | > 200 °C |
| Vapour pressure: | 0,003 hPa (20 °C) |
| Density: | approx. 1,05 g/cm ³ (20 °C) |
| Relative density: | approx. 1,05 (20 °C) |
| Relative vapour density (air): | No data available. |
| Solubility in water: | miscible |

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Partitioning coefficient n-octanol/water (log Kow):

not determined

Self ignition:

not self-igniting

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

Viscosity, dynamic: 750 mPa.s

Viscosity, kinematic: > 20,5 mm²/s
(40 °C)

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

Other information

Other Information:

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

10. Stability and Reactivity

Reactivity

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

Chemical stability

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

Possibility of hazardous reactions

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

Conditions to avoid

See SDS section 7 - Handling and storage.

Incompatible materials

Substances to avoid:

oxidizing agents

Hazardous decomposition products

Possible thermal decomposition products:

Carbon monoxide, Carbon dioxide

nitrogen oxides

11. Toxicological Information

Information on toxicological effects

Acute toxicity

Experimental/calculated data:

LD50 rat (oral): > 5.000 mg/kg

(by inhalation): No mortality was observed.

(dermal): No mortality was observed.

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Irritation

Assessment of irritating effects:

Not irritating to eyes and skin. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Serious eye damage/irritation: non-irritant (OECD Guideline 437)

Respiratory/Skin sensitization

Assessment of sensitization:

No sensitizing effect.

Germ cell mutagenicity

Assessment of mutagenicity:

Based on the structure, there is no suspicion of a mutagenic effect.

Carcinogenicity

Assessment of carcinogenicity:

Not expected to be carcinogenic (based on composition).

Reproductive toxicity

Assessment of reproduction toxicity:

Not expected to cause reproductive toxicity (based on composition).

Developmental toxicity

Assessment of teratogenicity:

Based on the ingredients, there is no suspicion of a teratogenic effect.

Experiences in humans

Experimental/calculated data:

Prolonged contact can result in drying of the skin.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

None known

Experimental/calculated data:

No data available.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

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12. Ecological Information

Toxicity

Toxicity to fish:

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

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

Aquatic invertebrates:

LC50 (48 h) > 100 mg/l, *Daphnia magna* (OECD Guideline 202, part 1)

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

Aquatic plants:

EC50 (72 h) > 100 mg/l, *Scenedesmus subspicatus* (OECD Guideline 201)

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 (H₂O):

Not readily biodegradable (by OECD criteria).

Information on Stability in Water (Hydrolysis):

According to structural properties, hydrolysis is not expected/probable.

Bioaccumulative potential

Bioaccumulation potential:

The product has not been tested.

Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: No data available.

Other adverse effects

No data available.

Additional information

Other ecotoxicological advice:

Do not allow to enter soil, waterways or waste water channels.

13. Disposal Considerations

Waste treatment methods

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

Contaminated packaging:

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. Transport Information

Land transport

ADR

Not classified as a dangerous good under transport regulations

UN number or ID number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

RID

Not classified as a dangerous good under transport regulations

UN number or ID number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

Inland waterway transport

ADN

Not classified as a dangerous good under transport regulations

UN number or ID number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

Transport in inland waterway vessel

Not evaluated

Sea transport

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IMDG

| | |
|------------------------------|--|
| | Not classified as a dangerous good under transport regulations |
| UN number or ID number: | Not applicable |
| UN proper shipping name: | Not applicable |
| Transport hazard class(es): | Not applicable |
| Packing group: | Not applicable |
| Environmental hazards: | Not applicable |
| Special precautions for user | None known |

Air transport**IATA/ICAO**

| | |
|------------------------------|--|
| | Not classified as a dangerous good under transport regulations |
| UN number or ID number | Not applicable |
| UN proper shipping name: | Not applicable |
| Transport hazard class(es): | Not applicable |
| Packing group: | Not applicable |
| Environmental hazards: | Not applicable |
| Special precautions for user | None known |

Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

15. Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

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

16. Other Information

Any other intended applications should be discussed with the manufacturer.

Full text of classifications, hazard symbols and hazard statements, if mentioned in section 2 or 3:

| | |
|-----------------|---|
| Asp. Tox. | Aspiration hazard |
| Acute Tox. | Acute toxicity |
| Eye Dam./Irrit. | Serious eye damage/eye irritation |
| Aquatic Acute | Hazardous to the aquatic environment - acute |
| H304 | May be fatal if swallowed and enters airways. |
| H318 | Causes serious eye damage. |
| H302 | Harmful if swallowed. |
| H401 | Toxic to aquatic life. |

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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.

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