

Safety data sheet

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BASF Safety data sheet
Date / Revised: 05.06.2025
Product: **Sterocoll® BL**

Version: 5.1

(30054405/SDS_GEN_TH/EN)

Date of print: 21.10.2025

1. Substance/preparation and manufacturer/supplier identification

Product name:
Sterocoll® BL

Use: thickener for coating colours

Manufacturer/supplier:

BASF (Thai) Limited
23rd Floor, Emporium Tower, 622, Sukhumvit 24 Rd.,
Klongton, Klongtoey, Bangkok 10110, THAILAND
Telephone: +66 2624-1999
Telefax number: +66 2664-9254
E-mail address: Thailand-SDS-info@basf.com

Emergency information:

International emergency number:
Telephone: +49 180 2273-112

2. Hazard identification

Classification according to UN GHS 2009

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

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3. Composition/information on ingredients

Chemical nature

Substance nature: mixture

polyacrylamide, anionic modified

emulsified in: aliphatic hydrocarbons
, water

Hazardous ingredients

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

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

CAS Number: 64742-47-8

isotridecanoethoxylate

Content (W/W): $\geq 2\%$ - $\leq 3\%$

CAS Number: 69011-36-5

Acute Tox.: Cat. 4 (oral)

Eye Dam./Irrit.: Cat. 1

Aquatic Acute: Cat. 2

4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

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

On skin contact:

Wash thoroughly with soap and water

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.

Note to physician:

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

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

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Suitable extinguishing media:

water spray, dry powder, foam

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Specific hazards:
carbon oxides, nitrogen oxides
Spilled product is slippery underfoot.

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

Further information:
Contain contaminated water/firefighting water.

6. Accidental Release Measures

Personal precautions:
Take appropriate protective measures.

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

Methods for cleaning up or taking 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.

Additional information: High risk of slipping due to leakage/spillage of product.

7. Handling and Storage

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.

Storage

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.

8. Exposure controls and personal protection

Components with occupational exposure limits

Distillates (petroleum), hydrotreated ligh, 64742-47-8;
TWA value 200 mg/m³ (ACGIHTLV), Non-aerosol
Measured as: total hydrocarbon vapor
Application restricted to conditions in which there are negligible aerosol exposures.
Skin Designation (ACGIHTLV), Non-aerosol
Measured as: total hydrocarbon vapor
Danger of cutaneous absorption

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. 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

Form:	emulsion
Colour:	off-white cloudy
Odour:	aliphatic
Odour threshold:	not determined

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pH value:	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 (solid/gas):	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
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:	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
Partitioning coefficient n-octanol/water (log Pow):	not determined
Viscosity, dynamic:	300 - 1,200 mPa.s
Viscosity, kinematic:	> 20.5 mm ² /s (40 °C)

(BASF method)

Other Information:

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

10. Stability and Reactivity

Conditions to avoid:
See SDS section 7 - Handling and storage.

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

Substances to avoid:
oxidizing agents

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

Possible thermal decomposition products:
carbon monoxide, carbon dioxide
nitrogen oxides

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

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

11. Toxicological Information

Routes of exposure

Acute oral toxicity

Experimental/calculated data:
LD50rat (oral): > 5,000 mg/kg

Acute inhalation toxicity

(by inhalation): No mortality was observed.

Acute dermal toxicity

(dermal): No mortality was observed.

Symptoms

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

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.

Experimental/calculated data:
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

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

12. Ecological Information

Ecotoxicity

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.

Mobility

Assessment transport between environmental compartments:

No data available.

Persistence and degradability

Information on Stability in Water (Hydrolysis):

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

Bioaccumulation potential

Bioaccumulation potential:

The product has not been tested.

Additional information

Other ecotoxicological advice:

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

13. Disposal Considerations

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

Domestic transport:

UN number or ID number	Not classified as a dangerous good under transport regulations
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

Sea transport

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
	Marine pollutant: no
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
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**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.

16. Other Information

Any other intended applications should be discussed with the manufacturer.

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