

# Safety data sheet

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BASF Safety data sheet  
Date / Revised: 07.05.2025  
Product: **Sterocoll® BL**

Version: 1.0

(30054405/SDS\_GEN\_VN/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 Vietnam Co. Ltd.  
Level 23, Deutsches Haus, 33 Le Duan,  
Sai Gon Ward, Ho Chi Minh City, Vietnam  
Telephone: +84 28 3824 3833  
Telefax number: +84 28 3824 3832  
E-mail address: minh-triet.thieu@basf.com

Emergency information:  
18001703 (Vietnam)  
Telefax number: +84 28 3824 3832  
International emergency number:  
Telephone: +49 180 2273-112

## 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:  
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

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### 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).

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### 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.

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## 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.

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## 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

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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/m<sup>3</sup> (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<sup>3</sup>  
(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<sup>2</sup>/s  
(40 °C)

(BASF method)

## Other Information:

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

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## 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.

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## 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.

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## **12. Ecological Information**

### **Ecotoxicity**

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

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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.

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## **13. Disposal Considerations**

Information on disposal regulations: Must comply with regulations on hazardous waste such as:

- Decree No. 08/2022/ND-CP of the Government: detailing a number of articles of the Law on Environmental Protection.

- Circular No. 02/2022/TT-BTNMT of the Ministry of Natural Resources and Environment: detailing a number of articles of the Law on Environmental Protection.

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.

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## **14. Transport Information**

**Domestic transport:**

UN number or ID number

Not classified as a dangerous good under transport regulations

Not applicable



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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.

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## 15. Regulatory Information

### Other regulations

The SDS is composed based on the Global Harmonization Globally Harmonized System of Classification and Labeling of Chemicals and applicable local chemical regulations as following:

- The Chemical Law 06/2007/QH12 issued on 21/11/2007.
- The decree No. 113/2017/ND-CP specifying and providing guidelines for implementation of certain articles of the law on chemicals.

- The decree No. 82/2022/ND-CP Amendments to some articles of government's decree no.113/2017/ND-CP dated October 09, 2017 specifying and providing guidelines for implementation of certain articles of the law on chemicals.
- Circular 17/2022/TT-BCT Amendments to some articles of circular no. 32/2017/TT-BCT dated December 28, 2017 of the Minister Of Industry And Trade on elaboration and provision of guidelines for implementation of certain articles of the law on chemicals and the government's decree no. 113/2017/ ND-CP dated October 09, 2017 on elaboration and provision of guidelines for implementation of certain articles of the law on chemicals.
- The decree No. 17/2020/ND-CP Amendments to some articles of decrees related to necessary business conditions in fields under the management of the Ministry Of Industry and Trade.
- The decree No. 34/2024/ND-CP dated March 31st 2024 of the Government on the List of dangerous goods, transportation of dangerous goods by road motor vehicles and transportation of dangerous goods on inland waterways
- The Circular 32/2017/TT-BCT specifying and providing guidelines for implementation of certain articles of the law on chemicals and the government's decree no. 113/2017/ND-CP dated October 09, 2017 specifying and providing guidelines for implementation of certain articles of the law on chemicals.
- The decree No. 33/2024/ND-CP dated March 27th 2024 of the Government on implementing the convention on the prohibition of the development, production, stockpiling and use of chemical weapons and on their destruction

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

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## 16. Other Information

Any other intended applications should be discussed with the manufacturer.

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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.