

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## VISCOBYK-5125

Version 7.1

SDB\_IE

Revision Date: 17.05.2024

Date of last issue: 25.11.2022

Print Date 13.05.2025

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : VISCOBYK-5125  
UFI : 0576-40PQ-000A-EWET  
Product code : 000000000000122363

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

Use of the Sub-stance/Mixture : Viscosity Depressant

#### 1.3 Details of the supplier of the safety data sheet

Company : BYK-Chemie GmbH  
Abelstrasse 45  
46483 Wesel  
Telephone : +49 281 670-0  
Telefax : +49 281 65735  
  
Information : Regulatory Affairs  
Telephone : +49 281 670-23532  
Telefax : +49 281 670-23533  
E-mail address : GHS.BYK@altana.com

#### 1.4 Emergency telephone number

+44 1235 239670

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Aspiration hazard, Category 1 H304: May be fatal if swallowed and enters airways.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H304 May be fatal if swallowed and enters airways.

## VISCOBYK-5125

Version 7.1  
SDB\_IE

Revision Date: 17.05.2024

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Precautionary statements : **Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
**Storage:**  
P405 Store locked up.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Hazardous components which must be listed on the label:

- 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Blend containing carboxylic acid esters and wetting and dispersing components

#### Components

| Chemical name                                                                 | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification    | Concentration<br>(% w/w) |
|-------------------------------------------------------------------------------|-------------------------------------------------------|-------------------|--------------------------|
| Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified | 64742-55-8<br>265-158-7<br>01-2119487077-29           | Asp. Tox. 1; H304 | >= 30 - < 50             |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## VISCOBYK-5125

Version 7.1

SDB\_IE

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Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

Risks : No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Water  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : Carbon oxides

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## VISCOBYK-5125

Version 7.1  
SDB\_IE

Revision Date: 17.05.2024

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.

#### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform  
respective authorities.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel,  
acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For disposal considerations see section 13., For personal protection see section 8.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the ap-  
plication area.  
Dispose of rinse water in accordance with local and national  
regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke.  
Wash hands before breaks and at the end of workday.

#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated  
place. Observe label precautions. Electrical installations /  
working materials must comply with the technological safety  
standards.

Further information on stor-  
age stability : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

Specific use(s) : No data available

## VISCOBYK-5125

Version 7.1  
SDB\_IE

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Date of last issue: 25.11.2022  
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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

| Components                                                                                                                                         | CAS-No.    | Value type (Form of exposure)           | Control parameters  | Basis  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------|---------------------|--------|
| Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified                                                                      | 64742-55-8 | OELV - 8 hrs (TWA) (inhalable fraction) | 5 mg/m <sup>3</sup> | IE OEL |
| Further information: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit value should be used |            |                                         |                     |        |

##### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name                                                                | End Use   | Exposure routes | Potential health effects             | Value                  |
|-------------------------------------------------------------------------------|-----------|-----------------|--------------------------------------|------------------------|
| long chain carboxylic acid derivative                                         | Workers   | Inhalation      | Long-term systemic effects           | 6,96 mg/m <sup>3</sup> |
|                                                                               | Workers   | Skin contact    | Long-term systemic effects           | 10 mg/kg               |
|                                                                               | Consumers | Inhalation      | Long-term systemic effects           | 23 mg/m <sup>3</sup>   |
|                                                                               | Consumers | Skin contact    | Long-term systemic effects           | 5 mg/kg                |
|                                                                               | Consumers | Ingestion       | Long-term systemic effects           | 5 mg/kg                |
|                                                                               | Workers   | Skin contact    | Long-term exposure, Systemic effects | 1,0 mg/kg              |
| Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified | Workers   | Inhalation      | Long-term exposure, Systemic effects | 2,7 mg/m <sup>3</sup>  |

##### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name                        | Environmental Compartment | Value       |
|---------------------------------------|---------------------------|-------------|
| long chain carboxylic acid derivative | Fresh water               | 2,504 mg/l  |
|                                       | Marine water              | 0,2504 mg/l |
|                                       | Intermittent releases     | 25,04 mg/l  |
|                                       | Sewage treatment plant    | 520 mg/l    |

#### 8.2 Exposure controls

##### Personal protective equipment

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Hand protection  
Material : PVC  
Break through time : 120 min

Remarks : The suitability for a specific workplace should be discussed

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## VISCOBYK-5125

Version 7.1

SDB\_IE

Revision Date: 17.05.2024

Date of last issue: 25.11.2022

Print Date 13.05.2025

Skin and body protection : with the producers of the protective gloves.  
: Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

### Environmental exposure controls

General advice : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : Molten form  
Colour : light yellow  
Odour : characteristic  
Odour Threshold : No data available  
  
Melting point/range : < 0 °C  
Method: derived  
  
Initial boiling point : > 200 °C  
Method: derived  
  
Upper explosion limit / Upper flammability limit : No data available  
  
Lower explosion limit / Lower flammability limit : No data available  
  
Flash point : > 140 °C  
  
Auto-ignition temperature : > 200 °C  
Method: DIN 51794  
  
Decomposition temperature : No data available  
  
pH : 6 (20 °C)  
Concentration: 1 %  
Method: Universal pH-value indicator  
  
Viscosity  
Viscosity, dynamic : < 100 mPa.s (20 °C)  
ca. 4 mPa.s (40 °C)  
  
Viscosity, kinematic : 114 mm<sup>2</sup>/s (20 °C)  
5 mm<sup>2</sup>/s (40 °C)  
  
Solubility(ies)  
Water solubility : immiscible  
Solubility in other solvents : No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## VISCOBYK-5125

Version 7.1

SDB\_IE

Revision Date: 17.05.2024

Date of last issue: 25.11.2022

Print Date 13.05.2025

|                                        |   |                                                                                      |
|----------------------------------------|---|--------------------------------------------------------------------------------------|
| Partition coefficient: n-octanol/water | : | No data available                                                                    |
| Vapour pressure                        | : | < 0,1 hPa (20 °C)<br>Method: derived                                                 |
| Relative density                       | : | No data available                                                                    |
| Density                                | : | ca. 0,87 g/cm <sup>3</sup> (20 °C, 1.013 hPa)<br>Method: 4 (20°C oscillating U-tube) |
| Bulk density                           | : | Not applicable                                                                       |
| Relative vapour density                | : | No data available                                                                    |

### 9.2 Other information

|                        |   |                     |
|------------------------|---|---------------------|
| Flammability (liquids) | : | Sustains combustion |
| Evaporation rate       | : | No data available   |
| Surface tension        | : | No data available   |

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

##### Product:

Acute oral toxicity : Remarks: No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## VISCOBYK-5125

Version 7.1

SDB\_IE

Revision Date: 17.05.2024

Date of last issue: 25.11.2022

Print Date 13.05.2025

### Skin corrosion/irritation

**Product:**

Remarks : No data available

### Serious eye damage/eye irritation

**Product:**

Remarks : No data available

### Respiratory or skin sensitisation

**Product:**

Remarks : No data available

### Germ cell mutagenicity

**Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

### Carcinogenicity

**Product:**

Remarks : No data available

### Components:

**Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:**

Carcinogenicity - Assessment : Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)

### Reproductive toxicity

**Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

### STOT - single exposure

**Product:**

Remarks : No data available

### STOT - repeated exposure

**Product:**

Remarks : No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## VISCOBYK-5125

Version 7.1

SDB\_IE

Revision Date: 17.05.2024

Date of last issue: 25.11.2022

Print Date 13.05.2025

### Repeated dose toxicity

#### Product:

Remarks : No data available

### Aspiration toxicity

#### Product:

No data available

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### Further information

#### Product:

Remarks : Solvents may degrease the skin.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish : Remarks: No data available

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Remarks: No data available

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## VISCOBYK-5125

Version 7.1

SDB\_IE

Revision Date: 17.05.2024

Date of last issue: 25.11.2022

Print Date 13.05.2025

very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Product:

Additional ecological information : There is no data available for this product.  
No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

## SECTION 14: Transport information

### 14.1 UN number or ID number

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## VISCOBYK-5125

Version 7.1

SDB\_IE

Revision Date: 17.05.2024

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### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

|                                                                                                                                            |   |                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : | Conditions of restriction for the following entries should be considered: Number on list 3                        |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).                                                  | : | This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57). |
| REACH - List of substances subject to authorisation (Annex XIV)                                                                            | : | Not applicable                                                                                                    |
| Fire Hazard Class                                                                                                                          | : | -: -                                                                                                              |

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

### 15.2 Chemical safety assessment

Not applicable

## SECTION 16: Other information

Items where relevant changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

### Full text of H-Statements

H304 : May be fatal if swallowed and enters airways.

### Full text of other abbreviations

Asp. Tox. : Aspiration hazard  
IE OEL : Ireland. List of Chemical Agents and Carcinogens with Occupational Exposure Limit Values - Code of Practice, Schedule 1 and 2  
IE OEL / OELV - 8 hrs (TWA) : Occupational exposure limit value (8-hour reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## VISCOBYK-5125

Version 7.1

SDB\_IE

Revision Date: 17.05.2024

Date of last issue: 25.11.2022

Print Date 13.05.2025

laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

Asp. Tox. 1

H304

#### Classification procedure:

Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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