

**Safety data sheet**  
**According to EC 2020/878**

Printing Date: 20.11.2024

Version Number: 1.0

Revision Date: 20.11.2024

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

**1.1 Product identifier:**

Trade name: **PIERI®VBA Lav 03 Bleu**

**1.2 Relevant identified uses of the substance or mixture, and uses advised against:**

**Relevant identified uses of the substance or mixture:** Surface retarder

**Identified uses advised against:** No further relevant information available.

**1.3 Details of the supplier of the safety data sheet:**

**Manufacturer/supplier:**

GCP Produits de Construction SAS  
ZA des Foulletons  
39140 Larnaud

Tel : +(33) 3 84 48 48 60

Fax : +(33) 3 84 48 48 61

**Further information obtainable from:** [fds.chryso@chryso.com](mailto:fds.chryso@chryso.com)

**1.4 Emergency telephone number:**

FR: ORFILA (INRS): +33 (0) 1 45 42 59 59

UK: NHS 111 (Members of the public)

UK NPIS 24-hour telephone number: +44 (0)344 892 0111 (Healthcare professionals only)

IT: Istituto Superiore di Sanità (ISS): [inscweb\(at\)iss.it](mailto:inscweb(at)iss.it) / Tel: +39 06 305 43 43

SP: Instituto Nacional de Toxicología y Ciencias Forenses (INTCF): +34 917689800

PT: Centro de informação antivenenos: 800 250 250

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture:**

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

**2.2 Label elements:**

**Labelling according to Regulation (EC) No 1272/2008** Not classified.

**Hazard pictograms** Not classified.

**Signal word** Not classified.

**Hazard statements** Not classified.

**Additional information:**

EUH208 Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

**2.3 Other hazards:**

**Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

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vPvB: Not applicable.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Dangerous components:

|                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |             |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| CAS: 84961-70-6<br>EINECS: 284-660-7                                                                 | Benzene, mono-C10-13-alkyl derives. distn. residues<br>Asp. Tox. 1, H304<br>EUH066                                                                                                                                                                                                                                                           | 5-<10%      |
| CAS: 5949-29-1<br>EINECS: 201-069-1                                                                  | Citric acid monohydrate<br>Eye Irrit. 2, H319                                                                                                                                                                                                                                                                                                | 5-<10%      |
| CAS: 26530-20-1<br>EINECS: 247-761-7<br>Index number: 613-112-00-5<br>Reg.nr.: 01-2120768921-45-XXXX | 2-octyl-2H-isothiazol-3-one<br>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330<br>Skin Corr. 1, H314<br>Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100)<br>Skin Sens. 1A, H317<br>EUH071<br>ATE: LD50 oral: 125 mg/kg<br>LD50 dermal: 311 mg/kg<br>Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0,0015 % | 0<C>0,0015% |

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

**General information:** Get medical advice/attention if you feel unwell.

**After inhalation:** No special measures required.

**After skin contact:** Immediately rinse with water.

**After eye contact:** Rinse cautiously with water for several minutes.

##### After swallowing:

Rinse mouth.

Do NOT induce vomiting.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media:

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.

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

No further relevant information available.

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### 5.3 Advice for firefighters:

**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.

## SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

### 6.2 Environmental precautions:

Do not allow product to enter drains or any other watercourse. Do not allow undiluted or large quantities of the product to enter groundwater, water courses or drains.

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

Dispose of the material collected according to regulations.

### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling:** No special precautions are necessary if used correctly.

**Information about fire - and explosion protection:** No special measures required.

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

#### STORAGE

**Information about storage in one common storage facility:** No special measures required.

**Further information about storage conditions:** Keep container tightly sealed.

**7.3 Specific end use(s):** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters:

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** Based on the lists valid at the date of SDS creation.

### 8.2 Exposure controls:

**Appropriate engineering controls** No further data; see section 7.

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### Individual protection measures, such as personal protective equipment

#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

#### Respiratory protection:

Use respiratory protection in the event of aerosol or mist formation.



P2 filter

#### Hand protection

##### Material of gloves:



Nitrile rubber

#### Eye/face protection



Safety glasses.

#### Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

#### GENERAL INFORMATION

|                                                          |                 |
|----------------------------------------------------------|-----------------|
| Physical state                                           | Liquid.         |
| Colour:                                                  | Blue.           |
| Odour:                                                   | Characteristic. |
| Odour threshold:                                         | Not determined. |
| Melting point/freezing point:                            | Undetermined.   |
| Boiling point or initial boiling point and boiling range | Not determined. |
| Flammability                                             | Not applicable. |
| Flammability Limits :                                    |                 |
| Lower :                                                  |                 |
| Lower:                                                   | Not determined. |
| Upper:                                                   | Not determined. |
| Flash point:                                             | Not applicable. |
| Method:                                                  |                 |
| Auto-ignition temperature:                               | Not determined. |
| Decomposition temperature:                               | Not determined. |
| pH at 20 °C                                              | 3               |

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**VISCOSITY**

|                                                   |                      |
|---------------------------------------------------|----------------------|
| Kinematic viscosity                               | Not determined.      |
| Dynamic:                                          | Not determined.      |
| Solubility                                        |                      |
| Water:                                            | Fully miscible.      |
| Partition coefficient n-octanol/water (log value) | Not determined.      |
| Vapour pressure:                                  | Not determined.      |
| Density and/or relative density                   |                      |
| Density at 20 °C:                                 | >1 g/cm <sup>3</sup> |
| Vapour density:                                   | Not determined.      |
| Particle characteristics                          | Not applicable.      |

**9.2 Other information:**

|                                                                               |                                               |
|-------------------------------------------------------------------------------|-----------------------------------------------|
| Appearance:                                                                   |                                               |
| Form:                                                                         | Liquid.                                       |
| Important information on protection of health and environment, and on safety: |                                               |
| Ignition temperature:                                                         | Not determined.                               |
| Explosive properties:                                                         | Product does not present an explosion hazard. |
| Change in conditions:-                                                        |                                               |
| Evaporation rate:                                                             | Not determined.                               |
| Molecular weight                                                              | Not determined.                               |

**Information with regard to physical hazard classes**

|                                                                           |                 |
|---------------------------------------------------------------------------|-----------------|
| Explosives                                                                | Not applicable. |
| Flammable gases                                                           | Not classified. |
| Aerosols                                                                  | Not classified. |
| Oxidising gases                                                           | Not classified. |
| Gases under pressure                                                      | Not classified. |
| Flammable liquids                                                         | Not classified. |
| Flammable solids                                                          | Not classified. |
| Self-reactive substances and mixtures                                     | Not classified. |
| Pyrophoric liquids                                                        | Not classified. |
| Pyrophoric solids                                                         | Not classified. |
| Self-heating substances and mixtures                                      | Not classified. |
| Substances and mixtures, which emit flammable gases in contact with water | Not classified. |
| Oxidising liquids                                                         | Not classified. |
| Oxidising solids                                                          | Not classified. |
| Organic peroxides                                                         | Not classified. |
| Corrosive to metals                                                       | Not classified. |
| Desensitised explosives                                                   | Not classified. |

**SECTION 10: Stability and reactivity****10.1 Reactivity:**

Stable under normal conditions.  
No further relevant information available.

**10.2 Chemical stability:**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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**10.3 Possibility of hazardous reactions**

No dangerous reactions known.

No further relevant information available.

**10.4 Conditions to avoid:** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****ACUTE TOXICITY** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****26530-20-1 2-octyl-2H-isothiazol-3-one**

|            |           |                    |
|------------|-----------|--------------------|
| Oral       | LD50      | 125 mg/kg (ATE)    |
|            |           | 125 mg/kg (rat)    |
| Dermal     | LD50      | 311 mg/kg (ATE)    |
|            | LD50      | 311 mg/kg (rabbit) |
| Inhalative | LC50, 4h  | 2 mg/l (rat)       |
|            | LC50, 96h | mg/l (fish)        |

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information****12.1 Toxicity:****AQUATIC TOXICITY****26530-20-1 2-octyl-2H-isothiazol-3-one**

|            |                                                               |
|------------|---------------------------------------------------------------|
| EC20, 0.5h | 10,4 mg/l (activated sludge) (TTC-Test (8901 macherey-nagel)) |
| EC20, 3h   | 7,3 mg/l (activated sludge) (OECD 209)                        |

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EC50, 48h | 0,32 mg/l (daphnia magna) (Noack 1998a)

**12.2 Persistence and degradability:** No further relevant information available.**12.3 Bioaccumulative potential:** No further relevant information available.**12.4 Mobility in soil:** No further relevant information available.**12.5 Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects:****ADDITIONAL ECOLOGICAL INFORMATION****General notes:** Not known to be hazardous to water.**SECTION 13: Disposal considerations****13.1 Waste treatment methods:****Recommendation:**

Code of the environment : art. L541-11 to 39 and art. R.541-13 to 41 : elimination of the waste : Applicable.

Decree from 29/07/2005 : Control of the elimination's circuit : Applicable



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**UNCLEANED PACKAGING****Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN number or ID number**

ADR, IMDG, IATA

Not Regulated

**14.2 UN proper shipping name**

ADR, IMDG, IATA

Not Regulated

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class

Not Regulated

**14.4 Packing group**

ADR, IMDG, IATA

Not Regulated

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|                                    |                 |
|------------------------------------|-----------------|
| <b>14.5 Environmental hazards:</b> | Not applicable. |
|------------------------------------|-----------------|

|                                           |                 |
|-------------------------------------------|-----------------|
| <b>14.6 Special precautions for user:</b> | Not applicable. |
|-------------------------------------------|-----------------|

|                                                                     |               |
|---------------------------------------------------------------------|---------------|
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not Regulated |
|---------------------------------------------------------------------|---------------|

### SECTION 15: Regulatory information

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

See Section 2 for hazard identification.

##### Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

|                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

##### REGULATION (EU) 2019/1148

|                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| <b>Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))</b> |
|-----------------------------------------------------------------------------------------------------------------------|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

##### Annex II - REPORTABLE EXPLOSIVES PRECURSORS

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

##### Regulation (EC) No 273/2004 on drug precursors

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Relevant phrases:

|      |                                                       |
|------|-------------------------------------------------------|
| H301 | Toxic if swallowed.                                   |
| H304 | May be fatal if swallowed and enters airways.         |
| H311 | Toxic in contact with skin.                           |
| H314 | Causes severe skin burns and eye damage.              |
| H317 | May cause an allergic skin reaction.                  |
| H319 | Causes serious eye irritation.                        |
| H330 | Fatal if inhaled.                                     |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |

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EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH071 Corrosive to the respiratory tract.

**Department issuing SDS:**

CHRYSO SAS.  
7 rue de l'Europe. 45300.  
SERMAISES DE LOIRET.  
France

Tel: +(33)2 38 34 58 00

Fax: +(33)2 38 39 01 72

**Other Information:**

Method used for the classification according to the directive 99/45/CE for the mixture : calculation

**Date of previous version:** 13.11.2024**The first date of preparation:** 13.11.2024**Number of revision times and the latest revision date:** 1.0 / 20.11.2024

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