

**Silirub 2****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier:**

Product name : Silirub 2  
Registration number REACH : Not applicable (mixture)  
Product type REACH : Mixture

**1.2 Relevant identified uses of the substance or mixture and uses advised against:****1.2.1 Relevant identified uses**

Sealing compound

**1.2.2 Uses advised against**

No uses advised against known

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

SOUDAL N.V.  
Everdongenlaan 18-20  
B-2300 Turnhout  
Tel: +32 14 42 42 31  
Fax: +32 14 44 39 71  
msds@soudal.com

**Manufacturer of the product**

SOUDAL N.V.  
Everdongenlaan 18-20  
B-2300 Turnhout  
Tel: +32 14 42 42 31  
Fax: +32 14 44 39 71  
msds@soudal.com

**1.4 Emergency telephone number:**

24h/24h: +32 14 58 45 45 (BIG) (Telephone advice: English, French, German, Dutch)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture:****2.1.1 Classification according to Regulation EC No 1272/2008**

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

**2.1.2 Classification according to Directive 67/548/EEC-1999/45/EC**

Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC

**2.2 Label elements:****Labelling according to Regulation EC No 1272/2008 (CLP)**

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

**Supplemental information**

EUH208 Contains 2-butanone oxime. May produce an allergic reaction.

**Labelling according to Directive 67/548/EEC-1999/45/EC (DSD/DPD)**

Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC

Contains: 2-butanone oxime. May produce an allergic reaction.

**2.3 Other hazards:****CLP**

No other hazards known

# Silirub 2

## DSD/DPD

May produce an allergic reaction

## SECTION 3: Composition/information on ingredients

### 3.1 Substances:

Not applicable

### 3.2 Mixtures:

This mixture does not contain any notifiable substances

## SECTION 4: First aid measures

### 4.1 Description of first aid measures:

#### General:

If you feel unwell, seek medical advice.

#### After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

#### After skin contact:

Wash immediately with lots of water. Soap may be used. Take victim to a doctor if irritation persists.

#### After eye contact:

Rinse with water. Take victim to an ophthalmologist if irritation persists.

#### After ingestion:

Rinse mouth with water. Consult a doctor/medical service if you feel unwell.

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

#### 4.2.1 Acute symptoms

##### After inhalation:

Unlikely to cause harmful effects.

##### After skin contact:

Unlikely to cause harmful effects.

##### After eye contact:

Unlikely to cause harmful effects.

##### After ingestion:

Unlikely to cause harmful effects.

#### 4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media:

#### 5.1.1 Suitable extinguishing media:

Polyvalent foam. ABC powder. Carbon dioxide.

#### 5.1.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known.

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

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide).

### 5.3 Advice for firefighters:

#### 5.3.1 Instructions:

Dilute toxic gases with water spray.

#### 5.3.2 Special protective equipment for fire-fighters:

Gloves. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

## SECTION 6: Accidental release measures

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

No naked flames.

#### 6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

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Publication date: 2006-03-13

Date of revision: 2012-07-01

Revision number: 0400

Product number: 43197

2 / 8

# Silirub 2

## 6.1.2 Protective equipment for emergency responders

Gloves. Protective clothing.

### Suitable protective clothing

See heading 8.2

## 6.2 Environmental precautions:

Contain leaking substance. Use appropriate containment to avoid environmental contamination.

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

Scoop solid spill into closing containers. Clean contaminated surfaces with a soap solution. Wash clothing and equipment after handling.

## 6.4 Reference to other sections:

See heading 13.

## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 7.1 Precautions for safe handling:

Keep away from naked flames/heat. Observe strict hygiene. Keep container tightly closed.

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

#### 7.2.1 Safe storage requirements:

Store in a dry area. Meet the legal requirements. Max. storage time: 1 year(s).

#### 7.2.2 Keep away from:

Heat sources.

#### 7.2.3 Suitable packaging material:

Synthetic material.

#### 7.2.4 Non suitable packaging material:

No data available

### 7.3 Specific end use(s):

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters:

#### 8.1.1 Occupational exposure

##### a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

##### b) National biological limit values

If limit values are applicable and available these will be listed below.

#### 8.1.2 Sampling methods

| Product name      | Test | Number |
|-------------------|------|--------|
| No data available |      |        |

#### 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

#### 8.1.4 DNEL/PNEC values

If applicable and available it will be listed below.

#### 8.1.5 Control banding

If applicable and available it will be listed below.

### 8.2 Exposure controls:

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

#### 8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

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

Observe strict hygiene. Keep container tightly closed. Do not eat, drink or smoke during work.

##### a) Respiratory protection:

Respiratory protection not required in normal conditions.

##### b) Hand protection:

Gloves.

##### c) Eye protection:

Safety glasses.

Reason for revision: CLP

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Date of revision: 2012-07-01

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Product number: 43197

3 / 8

# Silirub 2

## d) Skin protection:

Protective clothing.

## 8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

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

|                           |  |
|---------------------------|--|
| Physical form             | Paste  |
| Odour                     | Characteristic odour                                   |
| Odour threshold           | No data available                                      |
| Colour                    | Variable in colour, depending on the composition       |
| Particle size             | No data available                                      |
| Explosion limits          | No data available                                      |
| Flammability              | Not easily combustible                                 |
| Log Kow                   | Not applicable (mixture)                               |
| Dynamic viscosity         | No data available                                      |
| Kinematic viscosity       | No data available                                      |
| Melting point             | No data available                                      |
| Boiling point             | No data available                                      |
| Flash point               | > 200 °C   |
| Evaporation rate          | No data available                                      |
| Vapour pressure           | No data available                                      |
| Relative vapour density   | No data available                                      |
| Solubility                | water ; insoluble                                      |
| Relative density          | > 1.0  |
| Decomposition temperature | No data available                                      |
| Auto-ignition temperature | No data available                                      |
| Explosive properties      | No chemical group associated with explosive properties |
| Oxidising properties      | No chemical group associated with oxidising properties |
| pH                        | No data available                                      |

### Physical hazards

No physical hazard class

### 9.2 Other information:

|                  |                          |
|------------------|--------------------------|
| Surface tension  | No data available        |
| Absolute density | > 1000 kg/m <sup>3</sup> |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity:

Temperature above flashpoint: higher fire/explosion hazard.

### 10.2 Chemical stability:

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions:

No data available.

### 10.4 Conditions to avoid:

Keep away from naked flames/heat.

### 10.5 Incompatible materials:

No data available.

### 10.6 Hazardous decomposition products:

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide).

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects:

#### 11.1.1 Test results

Reason for revision: CLP

Publication date: 2006-03-13

Date of revision: 2012-07-01

Revision number: 0400

Product number: 43197

4 / 8

# Silirub 2

## Acute toxicity

### Silirub 2

No (test)data on the mixture available

Classification of the mixture is based on the relevant ingredients of the mixture

### Conclusion

Not classified for acute toxicity

## Corrosion/irritation

### Silirub 2

No (test)data on the mixture available

Classification of the mixture is based on the relevant ingredients of the mixture

### Conclusion

Not classified as irritating to the skin

Not classified as irritating to the eyes

## Respiratory or skin sensitisation

### Silirub 2

No (test)data on the mixture available

Classification of the mixture is based on the relevant ingredients of the mixture

### Conclusion

Not classified as sensitizing for skin

## Specific target organ toxicity

### Silirub 2

No (test)data on the mixture available

Classification of the mixture is based on the relevant ingredients of the mixture

### Conclusion

Not classified for subchronic toxicity

## Mutagenicity (in vitro)

### Silirub 2

No (test)data on the mixture available

## Mutagenicity (in vivo)

### Silirub 2

No (test)data on the mixture available

## Carcinogenicity

### Silirub 2

No (test)data on the mixture available

## Reproductive toxicity

### Silirub 2

No (test)data on the mixture available

Classification of the mixture is based on the relevant ingredients of the mixture

### Conclusion CMR

Not classified for reprotoxic or developmental toxicity

Not classified for mutagenic or genotoxic toxicity

Not classified for carcinogenicity

## Toxicity other effects

### Silirub 2

No (test)data on the mixture available

## Chronic effects from short and long-term exposure

### Silirub 2

Skin rash/inflammation.

## 11.1.2 Other information

Reason for revision: CLP

Publication date: 2006-03-13

Date of revision: 2012-07-01

Revision number: 0400

Product number: 43197

5 / 8

# Silirub 2

## Silirub 2

No (test) data on the mixture available

## SECTION 12: Ecological information

### 12.1 Toxicity:

#### Silirub 2

No (test) data on the mixture available

Classification of the mixture is based on the relevant ingredients of the mixture

#### Conclusion

No data available on ecotoxicity

### 12.2 Persistence and degradability:

No test data of component(s) available

### 12.3 Bioaccumulative potential:

#### Log Kow

| Method | Remark                   | Value | Temperature | Value determination |
|--------|--------------------------|-------|-------------|---------------------|
|        | Not applicable (mixture) |       |             |                     |

No straightforward conclusion can be drawn based upon the available test results

### 12.4 Mobility in soil:

No (test) data on mobility of the components of the mixture available

### 12.5 Results of PBT and vPvB assessment:

Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

### 12.6 Other adverse effects:

#### Silirub 2

#### Global warming potential (GWP)

None of the known components is included in the list of substances which may contribute to the greenhouse effect (Regulation (EC) No 842/2006)

#### Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)

## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 13.1 Waste treatment methods:

#### 13.1.1 Provisions relating to waste

Waste material code (Directive 2008/98/EC, decision 2000/0532/EC).

08 04 10 (waste adhesives and sealants other than those mentioned in 08 04 09). Depending on branch of industry and production process, also other EURAL codes may be applicable. Can be considered as non hazardous waste according to Directive 2008/98/EC.

#### 13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

#### 13.1.3 Packaging/Container

Waste material code packaging (Directive 2008/98/EC).

15 01 02 (plastic packaging).

## SECTION 14: Transport information

### Road (ADR)

#### 14.1 UN number:

|           |             |
|-----------|-------------|
| Transport | Not subject |
|-----------|-------------|

#### 14.2 UN proper shipping name:

#### 14.3 Transport hazard class(es):

|                              |  |
|------------------------------|--|
| Hazard identification number |  |
| Class                        |  |
| Classification code          |  |

#### 14.4 Packing group:

Reason for revision: CLP

Publication date: 2006-03-13

Date of revision: 2012-07-01

Revision number: 0400

Product number: 43197

6 / 8

# Silirub 2

|               |  |
|---------------|--|
| Packing group |  |
| Labels        |  |

## 14.5 Environmental hazards:

|  |    |
|--|----|
| Environmentally hazardous substance mark | no |
|--|----|

## 14.6 Special precautions for user:

|                    |  |
|--------------------|--|
| Special provisions |  |
| Limited quantities |  |

## Rail (RID)

### 14.1 UN number:

|           |             |
|-----------|-------------|
| Transport | Not subject |
|-----------|-------------|

### 14.2 UN proper shipping name:

### 14.3 Transport hazard class(es):

|                              |  |
|------------------------------|--|
| Hazard identification number |  |
| Class                        |  |
| Classification code          |  |

### 14.4 Packing group:

|               |  |
|---------------|--|
| Packing group |  |
| Labels        |  |

## 14.5 Environmental hazards:

|  |    |
|--|----|
| Environmentally hazardous substance mark | no |
|--|----|

## 14.6 Special precautions for user:

|                    |  |
|--------------------|--|
| Special provisions |  |
| Limited quantities |  |

## Inland waterways (ADN)

### 14.1 UN number:

|           |             |
|-----------|-------------|
| Transport | Not subject |
|-----------|-------------|

### 14.2 UN proper shipping name:

### 14.3 Transport hazard class(es):

|                     |  |
|---------------------|--|
| Class               |  |
| Classification code |  |

### 14.4 Packing group:

|               |  |
|---------------|--|
| Packing group |  |
| Labels        |  |

## 14.5 Environmental hazards:

|  |    |
|--|----|
| Environmentally hazardous substance mark | no |
|--|----|

## 14.6 Special precautions for user:

|                    |  |
|--------------------|--|
| Special provisions |  |
| Limited quantities |  |

## Sea (IMDG)

### 14.1 UN number:

|           |             |
|-----------|-------------|
| Transport | Not subject |
|-----------|-------------|

### 14.2 UN proper shipping name:

### 14.3 Transport hazard class(es):

|       |  |
|-------|--|
| Class |  |
|-------|--|

### 14.4 Packing group:

|               |  |
|---------------|--|
| Packing group |  |
| Labels        |  |

## 14.5 Environmental hazards:

|  |    |
|--|----|
| Marine pollutant                         | -  |
| Environmentally hazardous substance mark | no |

## 14.6 Special precautions for user:

|                    |  |
|--------------------|--|
| Special provisions |  |
| Limited quantities |  |

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

|                          |  |
|--------------------------|--|
| Annex II of MARPOL 73/78 |  |
|--------------------------|--|

## Air (ICAO-TI/IATA-DGR)

### 14.1 UN number:

|           |             |
|-----------|-------------|
| Transport | Not subject |
|-----------|-------------|

### 14.2 UN proper shipping name:

Reason for revision: CLP

Publication date: 2006-03-13

Date of revision: 2012-07-01

Revision number: 0400

Product number: 43197

7 / 8

# Silirub 2

## 14.3 Transport hazard class(es):

|       |  |
|-------|--|
| Class |  |
|-------|--|

## 14.4 Packing group:

|               |  |
|---------------|--|
| Packing group |  |
|---------------|--|

|        |  |
|--------|--|
| Labels |  |
|--------|--|

## 14.5 Environmental hazards:

|  |    |
|--|----|
| Environmentally hazardous substance mark | no |
|--|----|

## 14.6 Special precautions for user:

|                    |  |
|--------------------|--|
| Special provisions |  |
|--------------------|--|

|   |  |
|---|--|
| Passenger and cargo transport: limited quantities: maximum net quantity per packaging |  |
|---|--|

## SECTION 15: Regulatory information

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

#### European legislation:

Volatile organic compounds (VOC)

1 %

#### National legislation

- The Netherlands

|  |   |
|--|---|
| Waterbezwaarlijkheid (the Netherlands) | 8 |
|--|---|

|   |   |
|---|---|
| Waste identification other lists of waste materials | LWCA (the Netherlands): KGA category 05 |
|---|---|

- Germany

|     |   |  |
|-----|---|--|
| WGK | 1 | Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4) |
|-----|---|--|

### 15.2 Chemical safety assessment:

No chemical safety assessment has been conducted.

## SECTION 16: Other information

### Full text of any R-phrases referred to under headings 2 and 3:

(\*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive

DPD Dangerous Preparation Directive

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

Reason for revision: CLP

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8 / 8