

This safety data sheet was created pursuant to the requirements of: REACH Regulation (EC) No 1907/2006, as retained in UK law by (SI 2019/758 as amended)

SIROFLEX CONTACTRACTORS LMN SILICONE CLEAR

Supercedes date 22-Jul-2022

Revision date 17-Sep-2025 Revision Number 1.02

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

1.1. Product identifier

Product Name SIROFLEX CONTACTRACTORS LMN SILICONE CLEAR

Pure substance/mixture Mixture

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

Recommended use Sealant

Uses advised against Consumer use

Reason why uses advised against Restricted substance per REACH Annex XVII

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik Limited Common Rd ST16 3EH Stafford UK

Tel: +44 (1785) 27 26 25 Fax: +44 (1785) 25 72 36

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

United Kingdom Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)

NHS: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP (SI 2020/1567 as amended)

| Eye irritation | Category 2 - (H319) |
|--|----------------------|
| Skin sensitisation | Category 1 - (H317) |
| Carcinogenicity | Category 1B - (H350) |
| Specific target organ toxicity (single exposure) | Category 2 - (H371) |
| Hazardous to the aquatic environment - chronic | Category 3 - (H412) |

2.2. Label elements

Contains 2-Butanone, oxime; 3-aminopropyltriethoxysilane; 2-octyl-2H-isothiazol-3-one [OIT]

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Signal word Danger

Hazard statements

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H350 - May cause cancer.

H371 - May cause damage to organs.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements - EU (§28, 1272/2008)

P201 - Obtain special instructions before use

P260 - Do not breathe dust/fume/gas/mist/vapours/spray

P280 - Wear protective gloves, protective clothing, eye protection and face protection

P308 + P311 - IF exposed or concerned: Call a POISON CENTER or doctor

P362 + P364 - Take off contaminated clothing and wash it before reuse

P501 - Dispose of contents/ container to an approved waste disposal plant

Special provisions concerning the labelling of certain mixtures

Restricted to professional users.

Additional information

Restricted to professional users.

2.3. Other hazards

Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing. Small amounts of 2-butanone, oxime (CAS 96-29-7) are formed by hydrolysis and released upon curing. Causes mild skin irritation. Harmful to aquatic life.

PBT & vPvB

This mixture contains substances considered to be persistent, bio-accumulating and toxic (PBT). This mixture contains substances considered to be very persistent and very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

| Chemical name | Weight- % | REACH registration number | EC No. (Index No.) | | concentration | | M-Factor (long-ter m) | Notes |
|--|--------------|---------------------------------|-----------------------|--|---------------|---|-----------------------------|-------|
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics RR-100252-4 | | 01-2119827000 -58-XXXX | 934-956-3 | Asp. Tox. 1 (H304) | - | - | - | - |
| 2-Butanone, oxime 96-29-7 | 1 - <2.5 | 01-2119539477 -28-XXXX | | Acute Tox. 3 (H301) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) | | - | - | - |

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Substances identified by a number starting "RR-" in the CAS-field are substances for which the CAS# is not adopted in EU and we use an internal numbering system to track within our SDS software

Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes [G] - PBT / vPvB substance

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | EC No. (Index No.) | CAS No. | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|---|-----------------------------|-------------|--------------------|----------------------|--|--|--|
| | | | | | mg/L | | 3 11 |
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics | 934-956-3 | RR-100252-4 | - | - | - | - | - |
| 2-Butanone, oxime | 202-496-6 (616-014-00-0) | 96-29-7 | 100+ | 1100+ | - | - | - |
| 3-aminopropyltriethoxy silane | 213-048-4 (612-108-00-0) | 919-30-2 | 1490 | - | - | - | - |
| Octamethylcyclotetrasil oxane [D4] | 209-136-7 (014-018-00-1) | 556-67-2 | - | - | - | - | - |
| 2-octyl-2H-isothiazol-3- one [OIT] | 247-761-7 (613-112-00-5) | 26530-20-1 | 125+ | 311+ | 0.27+ | 0.27+ | 0.27+ |

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This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. If medical advice is needed,

have product container or label at hand.

Inhalation Remove to fresh air. If symptoms persist, call a doctor.

Immediately flush with plenty of water. After initial flushing, remove any contact lenses Eye contact

and continue flushing for at least 15 minutes. Consult an ophthalmologist.

Skin contact Wash with soap and water. May cause an allergic skin reaction. Wash off immediately

with plenty of water for at least 15 minutes. If symptoms persist, call a doctor.

Ingestion Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with

water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.

Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section Self-protection of the first aider

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

Symptoms None known.

May cause cancer. May cause damage to organs. **Effects of Exposure**

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

Treat symptomatically. Note to doctors

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.

Unsuitable extinguishing media Full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous combustion products Carbon dioxide (CO2). Nitrogen oxides (NOx). Silicon dioxide. Thermal decomposition

can lead to release of irritating and toxic gases and vapours.

5.3. Advice for firefighters

precautions for fire-fighters

Special protective equipment and Wear self contained breathing apparatus for fire fighting if necessary.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Do not get in eyes, on skin, or on clothing. Use personal protective equipment as

required. Ensure adequate ventilation.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section

12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Do not scatter spilled material with high pressure water streams.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Equipment cleaned with organic solvent, washings are collected and disposed of as

solvent waste. Collect water from cleaning tools and reuse it or dispose it in local sewage

systems. Do not spill water or dispose cleaning water into the environment.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact

with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

General hygiene considerations Take off all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Keep away from food,

drink and animal feedingstuffs. Protect from moisture.

Recommended storage

temperature

Keep at temperatures between 10 and 35 $^{\circ}\text{C}.$

7.3. Specific end use(s)

Specific use(s)

Sealant.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Exposure Limits

Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing

| Chemical name | European Union | United Kingdom |
|--|----------------------------------|---|
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, | TWA/8h | - |
| < 0.03% aromatics | 5mg/m³ | |
| RR-100252-4 | STEL/15 mins 10mg/m ³ | |
| Silica, amorphous | - | TWA: 6 mg/m³; inhalable dust |
| 7631-86-9 | | TWA: 2.4 mg/m³; respirable dust |
| | | STEL: 18 mg/m³; inhalable dust |
| | | STEL: 7.2 mg/m ³ ; respirable dust |
| Ethanol | - | TWA: 1000 ppm; |
| 64-17-5 | | TWA: 1920 mg/m ³ ; |
| | | STEL: 3000 ppm; |
| | | STEL: 5760 mg/m ³ ; |

Derived No Effect Level (DNEL) No information available

| Derived No Effect Level (DNEL) | | | | | |
|---|----------------|--------------------------------|---------------|--|--|
| 2-Butanone, oxime (96-29-7) | | | | | |
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor | | |
| DNEL/DMEL Long term Systemic health effects | Inhalation | 0.028 mg/m³ | | | |
| Long term Local health effects | Inhalation | 0.9 mg/m³ | | | |
| DNEL/DMEL Long term Systemic health effects | Dermal | 0.004 mg/kg bw/d | | | |

| 3-aminopropyltriethoxysilane (919-30-2) | | | | | |
|---|----------------|--------------------------------|---------------|--|--|
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor | | |
| worker Long term Systemic health effects | Inhalation | 59 mg/m³ | | | |
| worker Short term Systemic health effects | Inhalation | 59 mg/m³ | | | |
| worker Long term Systemic health effects | Dermal | 8.3 mg/kg bw/d | | | |
| worker Short term Systemic health effects | Dermal | 8.3 mg/kg bw/d | | | |

| Octamethylcyclotetrasiloxane [D4] (556-67-2) | | | | | | |
|--|----------------|--------------------------------|---------------|--|--|--|
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor | | | |
| worker | Inhalation | 73 mg/m³ | | | | |
| Long term Systemic health effects | | | | | | |

| Derived No Effect Level (DNEL) | | | | | | |
|--------------------------------|----------------|---------------------------|---------------|--|--|--|
| 2-Butanone, oxime (96 | -29-7) | | | | | |
| Туре | Exposure route | Derived No Effect Level | Safety factor | | | |
| | | (DNEL) | - | | | |
| Long term | Inhalation | 0.00482 mg/m ³ | | | | |

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| Systemic health effects | | | |
|-------------------------|--------|------------------------|--|
| Long term | Dermal | 0.43 mg/m ³ | |
| Local health effects | | | |

| 3-aminopropyltriethoxysilane (919-30-2) | | | | | | |
|---|----------------|--------------------------------|---------------|--|--|--|
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor | | | |
| Consumer Long term Systemic health effects | Inhalation | 17 mg/m³ | | | | |
| Consumer Short term Systemic health effects | Inhalation | 17.4 mg/m³ | | | | |
| Consumer Long term Systemic health effects | Dermal | 5 mg/kg bw/d | | | | |
| Consumer Short term Systemic health effects | Dermal | 5 mg/kg bw/d | | | | |

| Octamethylcyclotetrasiloxane [D4] (556-67-2) | | | | | |
|--|----------------|----------------|---------------|--|--|
| Туре | Exposure route | | Safety factor | | |
| | | (DNEL) | | | |
| Consumer | Inhalation | 13 mg/m³ | | | |
| Long term | | | | | |
| Systemic health effects | | | | | |
| Consumer | Oral | 3.7 mg/kg bw/d | | | |
| Long term | | | | | |
| Systemic health effects | | | | | |

Predicted No Effect Concentration No information available. **(PNEC)**

| Predicted No Effect Concentration (PNEC) | |
|--|--|
| 3-aminopropyltriethoxysilane (919-30-2) | |
| Environmental compartment | Predicted No Effect Concentration (PNEC) |
| Freshwater | 0.33 mg/l |
| Marine water | 0.033 mg/l |

| Octamethylcyclotetrasiloxane [D4] (556-67-2 | 2) |
|---|--|
| Environmental compartment | Predicted No Effect Concentration (PNEC) |
| Freshwater | 0.0015 mg/l |
| Marine water | 0.00015 mg/l |
| Freshwater sediment | 3 mg/kg |
| Marine sediment | 0.3 mg/kg |
| Soil | 0.54 mg/kg |
| Sewage treatment plant | 10 mg/l |

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.

Hand protection

Wear suitable gloves. Recommended Use:. Neoprene™. Nitrile rubber. Butyl rubber. Glove thickness > 0.7mm. The breakthrough time for the mentioned glove material is in general greater than 480 min. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374

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Skin and body protection None under normal use conditions.

Respiratory protection In case of inadequate ventilation wear respiratory protection. Wear a respirator

conforming to EN 140 with Type A/P2 filter or better. Ensure adequate ventilation,

especially in confined areas.

Organic gases and vapours filter conforming to EN 14387. White. Brown. Recommended filter type:

Environmental exposure controls Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid

Appearance Paste Viscous Colour Colourless Odour Characteristic.

Property <u>Values</u> Remarks • Method

Melting point / freezing point No data available None known

> 300 °C Initial boiling point and boiling

range

None known **Flammability** No data available Flammability Limit in Air None known

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Flash point > 100 °C

Autoignition temperature No data available None known None known

Decomposition temperature No data available Not applicable. Insoluble in water.

pН

pH (as aqueous solution) No data available None known $> 20.6 \text{ mm}^2/\text{s}$ @ 40°C Kinematic viscosity

No data available **Dynamic viscosity** Insoluble in water. Water solubility

Solubility(ies) No data available None known No data available **Partition coefficient** None known Vapour pressure No data available None known Relative density No data available None known

No data available **Bulk density Liquid Density** 0.98 g/cm³

No data available Relative vapour density None known

Particle characteristics

Particle Size No information available **Particle Size Distribution** No information available

9.2. Other information

Solid content (%) No information available

VOC content No data available

9.2.1. Information with regards to physical hazard classes

Not applicable

9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Product cures with moisture.

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10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical

impact

None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Protect from moisture. Exposure to air or moisture over prolonged periods. Do not freeze.

Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition

products

No information available. Small amounts of ethanol (CAS 64-17-5) are formed by

hydrolysis and released upon curing.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye

irritation. (based on components). May cause redness, itching, and pain.

Skin contact May cause sensitisation by skin contact. Specific test data for the substance or mixture is

not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Prolonged contact may cause redness and

irritation. Causes mild skin irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives. May cause redness and tearing of the eyes. Prolonged contact

may cause redness and irritation.

Acute toxicity

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

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ATEmix (oral) 8,333.30 mg/kg
ATEmix (dermal) 91,666.70 mg/kg
ATEmix (inhalation-gas) >20000 ppm
ATEmix (inhalation-dust/mist) >5 mg/L
ATEmix (inhalation-vapour) >20 mg/L

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------------|----------------------------|-----------------------------|----------------------------|
| Hydrocarbons, C15-C20, | LD50 > 5000 mg/kg (Rattus) | LD50 > 3160 mg/kg | LC50 Inhalation(4h) >5266 |
| n-alkanes, isoalkanes, cyclics, | OECD 401 | (Oryctolagus cuniculus) | mg/m³ (Rattus) |
| < 0.03% aromatics | | OECD 402 | |
| 2-Butanone, oxime | =100 mg/kg (ATE) | 1000 - 1800 mg/kg | >4.83 mg/L (Rattus) 4 h |
| | | (Oryctolagus cuniculus) | |
| 3-aminopropyltriethoxysilane | LD50 = 1490 mg/kg (Rattus, | LD50 = 4076 mg/kg | LC50 >144 mg/L (6h) Rattus |
| | female) EPA OTS 798.1175 | (Oryctolagus cuniculus) EPA | (Vapour) |
| | LD50 = 2690 mg/kg (Rattus, | OTS 798.1100 | |
| | male) EPA OTS 798.1175 | | |
| Octamethylcyclotetrasiloxane | LD50 > 4800 mg/kg (Rattus) | LD50 > 2400 mg/kg (Rattus) | =36 g/m³ (Rattus) 4 h |
| [D4] | OECD 401 | OECD 402 | |
| 2-octyl-2H-isothiazol-3-one | =125 mg/kg (Rattus) | = 690 mg/kg (Oryctolagus | - |
| [OIT] | | cuniculus) | |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes mild skin irritation.

| 2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1) | | | | | |
|--|---------|----------------|----------------|---------------|-----------|
| Method | Species | Exposure route | Effective dose | Exposure time | Results |
| OECD Test No. 404: | Rabbit | Dermal | | | Corrosive |
| Acute Dermal | | | | | |
| Irritation/Corrosion | | | | | |

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

| 2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1) | | | | | |
|--|---------|----------------|----------------|---------------|------------|
| Method | Species | Exposure route | Effective dose | Exposure time | Results |
| OECD Test No. 405: | Rabbit | Corneal | | | Eye Damage |
| Acute Eye | | | | | |
| Irritation/Corrosion | | | | | |

Respiratory or skin sensitisation May cause an allergic skin reaction.

| Octamethylcyclotetrasiloxane [D4] (556-67-2) | | | | | |
|--|------------|----------------|-------------|--|--|
| 2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1) | | | | | |
| Method | Species | Exposure route | Results | | |
| GPMT - Guinea pig maximisation | Guinea pig | Dermal | Sensitising | | |
| test | | | | | |

Germ cell mutagenicity Based on available data, the classification criteria are not met.

CarcinogenicityContains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

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| Component Information | | | | | |
|-------------------------------------|---------|--------------|--|--|--|
| 2-Butanone, oxime (96-29-7) | | | | | |
| Method | Species | Results | | | |
| OECD Test No. 453: Combined Chronic | Rat | Carcinogenic | | | |
| Toxicity/Carcinogenicity Studies | | - | | | |

| Chemical name | European Union | |
|-------------------|----------------|--|
| 2-Butanone, oxime | Carc. 1B | |

Reproductive toxicity

Based on available data, the classification criteria are not met.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

| Chemical name | European Union |
|-----------------------------------|----------------|
| Octamethylcyclotetrasiloxane [D4] | Repr. 2 |

STOT - single exposure Ma

May cause damage to organs.

H371 - May cause damage to the following organs: upper respiratory tract.

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

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties Based on available data, the classification criteria are not met.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Harmful to aquatic life with long lasting effects.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea | M-Factor | M-Factor (long-term) |
|------------------------|----------------------|-------------------|----------------------------|-----------------|----------|-------------------------|
| Hydrocarbons, | EL50 (72h) | LL50 (96h) > | - | LL50 (48h)> | | |
| C15-C20, n-alkanes, | >10,000 mg/L | 1028 mg/L | | 3193 mg/l | | |
| isoalkanes, cyclics, < | (Skeletonema | (Scophthalmus | | (Acartia tonsa) | | |
| 0.03% aromatics | costatum) | maximus) | | | | |
| RR-100252-4 | ISO 10253 | OECD 203 | | | | |
| 2-Butanone, oxime | EC50: =83mg/L | LC50: =760mg/L | EC50 = 281 | EC50: =750mg/L | | |
| 96-29-7 | (72h, | (96h, Poecilia | mg/L 17 h | (48h, Daphnia | | |
| | Desmodesmus | reticulata) LC50: | EC50 = 950 | magna) | | |
| | subspicatus) | 777 - 914mg/L | mg/L 5 min | | | |
| | | (96h, | | | | |
| | | Pimephales | | | | |

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| | | promelas) LC50: 320 - 1000mg/L (96h, Leuciscus idus) | | | | |
|---|---|---|---|---|-----|-----|
| 3-aminopropyltriethoxy silane 919-30-2 | >1000 mg/L Green algae | LC50 (96h) >934 mg/L (Brachydanio rerio) (OECD TG 203) | | EC50 (48h) =331 mg/L Daphnia magna (OECD TG 202) | | |
| Octamethylcyclotetrasil oxane [D4] 556-67-2 | - | LC50: >1000mg/L (96h, Lepomis macrochirus) LC50: >500mg/L (96h, Brachydanio rerio) | | EC50: =25.2mg/L (24h, Daphnia magna) | | 10 |
| 2-octyl-2H-isothiazol-3- one [OIT] 26530-20-1 | EC50(72h) = 0.084 mg/L (Scenedesmus subspicatus) (OECD 201) | LC50 (96h) = 0.036 mg/L (Oncorhynchus mykiss) (OECD 203) | - | EC50 (48h) =0.42 mg/L (OECD 202) | 100 | 100 |

12.2. Persistence and degradability

Persistence and degradability No information available.

| Octamethylcyclotetrasiloxane [D4] (556-67-2) | | | | | | |
|--|---------------|---------------------|-----------------------|--|--|--|
| 2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1) | | | | | | |
| Method | Exposure time | Value | Results | | | |
| OECD Test No. 309: Aerobic | | Half-life 0.6-1.4 d | Readily biodegradable | | | |
| Mineralization in Surface Water - | | | | | | |
| Simulation Biodegradation Test | | | | | | |

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

| Chemical name | Partition coefficient |
|-----------------------------------|-----------------------|
| 2-Butanone, oxime | 0.65 |
| 3-aminopropyltriethoxysilane | 1.7 |
| Octamethylcyclotetrasiloxane [D4] | 6.49 |
| 2-octyl-2H-isothiazol-3-one [OIT] | 2.92 |

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product contains substance(s) classified as PBT or vPvB.

| Chemical name | PBT and vPvB assessment | | |
|--|-------------------------|--|--|
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% | Not PBT/vPvB | | |
| aromatics | | | |
| 2-Butanone, oxime | Not PBT/vPvB | | |
| 3-aminopropyltriethoxysilane | Not PBT/vPvB | | |
| Octamethylcyclotetrasiloxane [D4] | PBT & vPvB | | |
| 2-octyl-2H-isothiazol-3-one [OIT] | Not PBT/vPvB | | |

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12.6. Endocrine disrupting properties Endocrine disrupting properties

Endocrine disruption for the

Based on available data, the classification criteria are not met.

environment

| Component Information | | | | |
|---|-----------|---------|--|--|
| Octamethylcyclotetrasiloxane [D4] (556-67-2) | | | | |
| Method | Results | Species | | |
| Endocrine disrupting properties in accordance | Negative. | | | |
| with the criteria set out in Commission | | | | |
| Delegated Regulation (EU) 2017/2100(3) or | | | | |
| Commission Regulation (EU) 2018/605(4). | | | | |

12.7. Other adverse effects Other adverse effects

Other adverse effects No information available.

PMT or vPvM properties Based on available data, the classification criteria are not met.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused

products

Dispose of contents/container in accordance with local, regional, national, and

international regulations as applicable.

Contaminated packaging Handle contaminated packages in the same way as the product itself.

European Waste Catalogue 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous

substances

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN number or ID number Not regulated 14.2 UN proper shipping name Not regulated 14.3 Transport hazard class(es) Not regulated 14.4 Packing group Not regulated 14.5 Environmental hazards Not applicable

14.6 Special precautions for user

Special Provisions None

14.1 UN number or ID number Not regulated 14.2 UN proper shipping name Not regulated 14.3 Transport hazard class(es) Not regulated 14.4 Packing group Not regulated

14.5 Marine pollutant NP

14.6 Special precautions for user **Special Provisions** None

14.7 Maritime transport in bulk

according to IMO instruments

Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

Air transport (ICAO-TI / IATA-DGR)

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14.1 UN number or ID number
 14.2 UN proper shipping name
 14.3 Transport hazard class(es)
 14.4 Packing group
 14.5 Environmental hazards
 14.6 Special prograptions for user

14.6 Special precautions for user Special Provisions None

SECTION 15: Regulatory information

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

| Chemical name | CAS No. | Restricted substance per REACH Annex XVII |
|-------------------|---------|---|
| 2-Butanone, oxime | 96-29-7 | 75 28 |

28. Reserved for industrial and professional use.

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Export Notification requirements

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

Ozone-depleting substances (ODS) regulation (EC) 2024/590

Not applicable

Persistent Organic Pollutants

Not applicable

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the

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marketing and use of explosives precursors

Not applicable

Regulations on drug precursors (EC) No 111/2005 (export) and 273/2004 (internal trade)

This product does not contain any substance(s) on the Drug Precursors list.

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of any hazard and/or precautionary statements referred to under Sections 2-15

EUH071 - Corrosive to the respiratory tract

H226 - Flammable liquid and vapour

H301 - Toxic if swallowed

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H311 - Toxic in contact with skin

H312 - Harmful in contact with skin

H314 - Causes severe skin burns and eye damage

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H330 - Fatal if inhaled

H336 - May cause drowsiness or dizziness

H350 - May cause cancer

H361f - Suspected of damaging fertility

H370 - Causes damage to organs

H373 - May cause damage to organs through prolonged or repeated exposure

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

Legend

TWA TWA (time-weighted average)
STEL STEL (Short Term Exposure Limit)

Ceiling Limit Value Sk* Skin designation

SVHC Substance(s) of Very High Concern

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals vPvB Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE Specific target organ toxicity - Repeated exposure STOT SE Specific target organ toxicity - Single exposure

EWC European Waste Catalogue

ADR European Agreement concerning the International Carriage of Dangerous Goods by

Road

IMDG International Maritime Dangerous Goods (IMDG)
IATA International Air Transport Association (IATA)

RID Regulations concerning the International Transport of Dangerous Goods by Rail

Key literature references and sources for data

No information available

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Indication of changes

Revision Note Not applicable.

Training Advice No information available Further information No information available

This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)

Disclaimer

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.

End of Safety Data Sheet

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