

Safety Data Sheet

SC0 HYDRO SEALANT 100ML 6PZ



Safety Data Sheet dated 28/4/2021, version 5

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

- 1.1. Product identifier
Mixture identification:
Trade name: SC0 HYDRO SEALANT 100ML 6PZ
Trade code: 79294
UFI: M190-3041-Q00A-47FV
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Nano hydrophobic sealant
- 1.3. Details of the supplier of the safety data sheet
Company:
FRA.BER S.R.L.
Via M.Merisi 40-46
24051 Antegnate (BG)
Italy
Tel.+390363905287
- Competent person responsible for the safety data sheet:
info@fra-ber.it
- 1.4. Emergency telephone number
Emergency telephone number of the company and/or of an authorised advisory centre:
Centro Antiveleni - Ospedale di Niguarda - Milano - phone: +390266101029
Fra-Ber s.r.l. via M.Merisi 40-46, 24051 Antegnate (BG) - Italy, phone: +390363905287
info@fra-ber.it

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture
EC regulation criteria 1272/2008 (CLP)
⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
Adverse physicochemical, human health and environmental effects:
No other hazards
- 2.2. Label elements
Hazard pictograms:



- Warning
Hazard statements:
H319 Causes serious eye irritation.
- Precautionary statements:
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/clothing and eye/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Special Provisions:
None
- Special provisions according to Annex XVII of REACH and subsequent amendments:
None
- Product contents:

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Non-ionic surfactants < 5 %
 The product also contains: Perfumes
 Preservatives: METHYLISOTHIAZOLINONE, 1,2-benzisotiazol-3(2H)-one

2.3. Other hazards

PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$:
 < 2% CYCLOMETHICONE - Index number: 014-018-00-1, CAS: 556-67-2, EC: 209-136-7:
 PBT, vPvB
 < 2% CYCLOHEXASILOXANE - REACH No.: 01-2119517435-42, CAS: 540-97-6, EC: 208-762-8:
 vPvB
 < 2% CYCLOPENTASILOXANE - REACH No.: 01-2119511367-43, CAS: 541-02-6, EC: 208-764-9:
 PBT, vPvB

Other Hazards:
 No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification	Additional info
$\geq 5\%$ - < 15%	ALCOHOL	CAS: 64-17-5 EC: 200-578-6 REACH No.: 01-2119457610-43	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.3/2 Eye Irrit. 2 H319 Specific Concentration Limits: C $\geq 50\%$: Eye Irrit. 2 H319	REACH n° : Polymer: N.A.
$\geq 2\%$ - < 5%	Aminofunctional fluid		⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319	REACH n° : Polymer: Yes
$\geq 2\%$ - < 5%	TRIDECETH-10	CAS: 24938-91-8 EC: 607-463-3	⚠ 3.3/1 Eye Dam. 1 H318 4.1/C3 Aquatic Chronic 3 H412	REACH n° : Polymer: Yes
< 2%	2-(2-butossietossi) etanolo	CAS: 112-34-5 EC: 203-961-6 REACH No.: 01-2119475104-44	⚠ 3.3/2 Eye Irrit. 2 H319	REACH n° : Polymer: N.A.
< 2%	ISOPROPYL ALCOHOL	CAS: 67-63-0 EC: 200-661-7 REACH No.: 01-2119457558-25	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H336	REACH n° : Polymer: N.A.

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< 2%	CYCLOMETHICONE	Index number: CAS: EC:	014-018-00-1 556-67-2 209-136-7	<p>⚠ 2.6/3 Flam. Liq. 3 H226</p> <p>⚠ 3.7/2 Repr. 2 H361f</p> <p>4.1/C4 Aquatic Chronic 4 H413</p>	REACH n° : Polymer: N.A.
< 2%	CYCLOHEXASILOXANE	CAS: EC: REACH No.:	540-97-6 208-762-8 01-2119517435-42	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).	REACH n° : Polymer: N.A.
< 2%	CYCLOPENTASILOXANE	CAS: EC: REACH No.:	541-02-6 208-764-9 01-2119511367-43	Substance with a Union workplace exposure limit.	REACH n° : Polymer: N.A.
< 2%	2-Metilpropan-2-olo	Index number: CAS: EC:	603-005-00-1 75-65-0 200-889-7	<p>⚠ 2.6/2 Flam. Liq. 2 H225</p> <p>⚠ 3.3/2 Eye Irrit. 2 H319</p> <p>⚠ 3.8/3 STOT SE 3 H335</p> <p>⚠ 3.1/4/Inhal Acute Tox. 4 H332</p>	REACH n° : Polymer: N.A.

SVHC, PBT, vPvB, endocrine disruptor substances:

< 2% CYCLOMETHICONE

Index number: 014-018-00-1, CAS: 556-67-2, EC: 209-136-7

PBT, vPvB, SVHC

< 2% CYCLOHEXASILOXANE

REACH No.: 01-2119517435-42, CAS: 540-97-6, EC: 208-762-8

vPvB

< 2% CYCLOPENTASILOXANE

REACH No.: 01-2119511367-43, CAS: 541-02-6, EC: 208-764-9

PBT, vPvB, SVHC

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

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None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

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None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ALCOHOL - CAS: 64-17-5

ACGIH - STEL: 1000 ppm - Notes: A3 - URT irr

2-(2-butossietossi)etanolo - CAS: 112-34-5

EU - TWA(8h): 67.5 mg/m³, 10 ppm - STEL: 101.2 mg/m³, 15 ppm

ACGIH - TWA(8h): 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff

ISOPROPYL ALCOHOL - CAS: 67-63-0

14 - TWA(8h): 492 mg/m³, 200 ppm - STEL(15 min): 983 mg/m³, 400 ppm

ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS impair

CYCLOMETHICONE - CAS: 556-67-2

EU - TWA: 120 mg/m³, 10 ppm

CYCLOPENTASILOXANE - CAS: 541-02-6

EU - TWA(8h): 10 ppm

2-Metilpropan-2-olo - CAS: 75-65-0

ACGIH - TWA(8h): 100 ppm - Notes: A4 - CNS impair

DNEL Exposure Limit Values

2-(2-butossietossi)etanolo - CAS: 112-34-5

Consumer: 40.5 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)

Consumer: 60.7 03 - Exposure: Human Inhalation - Frequency: Short Term (acute)

Consumer: 50 04 - Exposure: Human Dermal - Frequency: Long Term (repeated)

Consumer: 40.5 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)

Consumer: 5 04 - Exposure: Human Oral - Frequency: Long Term (repeated)

Worker Industry: 101.2 03 - Exposure: Human Inhalation - Frequency: Short Term (acute)

Worker Industry: 67.5 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)

Worker Industry: 83 04 - Exposure: Human Dermal - Frequency: Long Term (repeated)

Worker Industry: 67.5 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)

ISOPROPYL ALCOHOL - CAS: 67-63-0

Worker Industry: 888 mg/kg - Consumer: 319 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 500 mg/kg - Consumer: 89 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 26 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

CYCLOMETHICONE - CAS: 556-67-2

Worker Professional: 73 03 - Exposure: Human Inhalation - Frequency: Short Term (acute)

Worker Professional: 73 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 73 03 - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 13 03 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Consumer: 13 03 - Exposure: Human Inhalation - Frequency: Short Term (acute)

Consumer: 13 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 13 03 - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 3.7 04 - Exposure: Human Oral - Frequency: Short Term, systemic effects

Consumer: 3.7 04 - Exposure: Human Oral - Frequency: Long Term, systemic effects

CYCLOPENTASILOXANE - CAS: 541-02-6

Worker Industry: 97.3 03 - Consumer: 17.3 03 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 24.2 03 - Consumer: 4.3 - Exposure: Human Inhalation - Frequency:

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Short Term, local effects

Worker Industry: 97.3 03 - Consumer: 17.3 03 - Exposure: Human Inhalation - Frequency:

Long Term, systemic effects

Consumer: 4.3 03 - Exposure: Human Inhalation - Frequency: Short Term, local effects

Consumer: 5 04 - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

ALCOHOL - CAS: 64-17-5

Target: Fresh Water - Value: 0.96 03 - Notes:: assessment factor: 10

Target: Marine water - Value: 0.79 03 - Notes:: assessment factor: 100

Target: Microorganisms in sewage treatments - Value: 580 mg/l - Notes:: assessment factor: 10

Target: Freshwater sediments - Value: 3.6 mg/kg - Notes:: partition coefficient

Target: Marine water sediments - Value: 2.9 mg/kg - Notes:: partition coefficient

Target: Soil (agricultural) - Value: 0.63 mg/kg - Notes:: partition coefficient

Target: 10 - Value: 0.72 mg/kg - Notes:: assessment factor: 90

2-(2-butossietossi)etanolo - CAS: 112-34-5

Target: Fresh Water - Value: 1.1 mg/l

Target: Marine water - Value: 0.11 mg/l

Target: Freshwater sediments - Value: 4.4 04

Target: Marine water sediments - Value: 0.44 04

Target: Soil (agricultural) - Value: 0.32 04

Target: Secondary poisoning - Value: 56 mg/kg

Target: Purification plant - Value: 200 mg/l

ISOPROPYL ALCOHOL - CAS: 67-63-0

Target: Fresh Water - Value: 140.9 mg/l

Target: Marine water - Value: 140.9 mg/l

Target: Microorganisms in sewage treatments - Value: 2.251 mg/l

Target: Freshwater sediments - Value: 552 mg/kg

Target: Marine water sediments - Value: 552 mg/kg

Target: Soil (agricultural) - Value: 28 mg/kg

CYCLOMETHICONE - CAS: 556-67-2

Target: Fresh Water - Value: 0.00044 mg/l

Target: Marine water - Value: 0.00044 mg/l

Target: Freshwater sediments - Value: 0.64 mg/kg

Target: Marine water sediments - Value: 0.064 mg/kg

Target: Soil (agricultural) - Value: 0.13 mg/kg

Target: Purification plant - Value: 10 mg/l

8.2. Exposure controls

Eye protection:

Eye glasses with side protection.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. rubber, PVC or viton.

Protection for hands:

Butyl caoutchouc (butyl rubber).

Respiratory protection:

Not needed in well-ventilated areas

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Properties	Value	Method:	Notes:
Physical state:	Liquid	--	--
Colour:	White	--	--
Odour:	characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	>60 °C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	6.5 ± 0.5	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	soluble	--	--
Solubility in oil:	not soluble	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.98 g/cm ³ +/- 0,01 g/cm ³	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Storage temperature:	5°C < x < 20°C	--	--

SECTION 10: Stability and reactivity

10.1. Reactivity

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- Stable under normal conditions
- 10.2. Chemical stability
 - Stable under normal conditions
- 10.3. Possibility of hazardous reactions
 - None
- 10.4. Conditions to avoid
 - Stable under normal conditions.
- 10.5. Incompatible materials
 - None in particular.
- 10.6. Hazardous decomposition products
 - None.

SECTION 11: Toxicological information

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

Toxicological information of the product:

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- a) acute toxicity
 - Not classified
 - Based on available data, the classification criteria are not met
- b) skin corrosion/irritation
 - Not classified
 - Based on available data, the classification criteria are not met
- c) serious eye damage/irritation
 - The product is classified: Eye Irrit. 2 H319
- d) respiratory or skin sensitisation
 - Not classified
 - Based on available data, the classification criteria are not met
- e) germ cell mutagenicity
 - Not classified
 - Based on available data, the classification criteria are not met
- f) carcinogenicity
 - Not classified
 - Based on available data, the classification criteria are not met
- g) reproductive toxicity
 - Not classified
 - Based on available data, the classification criteria are not met
- h) STOT-single exposure
 - Not classified
 - Based on available data, the classification criteria are not met
- i) STOT-repeated exposure
 - Not classified
 - Based on available data, the classification criteria are not met
- j) aspiration hazard
 - Not classified
 - Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

ALCOHOL - CAS: 64-17-5

a:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LC50 - Route: Inhalation - Species: PESCE 120 mg/l - Duration: 4h

2-(2-butossietossi)etanolo - CAS: 112-34-5

a:

Test: LD50 - Route: Oral - Species: Rat 2410 01 - Source: OCSE 401

Test: LD50 - Route: Skin - Species: Rabbit 2764 01 - Source: OCSE 402

ISOPROPYL ALCOHOL - CAS: 67-63-0

a:

Test: LD50 - Route: Oral - Species: Rat 4710 mg/kg

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Test: LD50 - Route: Skin - Species: Rat 12800 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat 72.6 mg/l - Duration: 4h
CYCLOMETHICONE - CAS: 556-67-2

a:

Test: LD50 - Route: Oral - Species: Rat > 4.800 mg/kg
Test: EC54 - Route: Inhalation - Species: Rat = 2975 Ppm - Duration: 4h
Test: LD50 - Route: Skin - Species: Rabbit > 2.5 ml/kg
Test: EC54 - Route: Inhalation - Species: Rat > 36 mg/l

g) reproductive toxicity:

Source: SOSPETTO DI NUOCERE ALLA FERTILITA'
CYCLOHEXASILOXANE - CAS: 540-97-6

g) reproductive toxicity:

Test: EC62 - Route: .ING - Species: Rat > 1000 mg/kg
CYCLOPENTASILOXANE - CAS: 541-02-6

a:

Test: LD50 - Route: Oral - Species: Rat > 24.134 mg/kg
Test: EC54 - Route: Inhalation - Species: Rat = 8.67 mg/l - Duration: 4h

f) carcinogenicity:

Test: NOAEC - Route: Inhalation - Species: Rat > 2.42 mg/l

g) reproductive toxicity:

Test: EC55 - Route: Inhalation - Species: Rat > 3.64 mg/l

2-Metilpropan-2-olo - CAS: 75-65-0

a:

Test: LD50 - Route: Oral 3100 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 31 mg/l - Duration: 4h

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

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Not classified for environmental hazards

Based on available data, the classification criteria are not met

ALCOHOL - CAS: 64-17-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 14200 mg/l - Duration h: 96 - Notes: ECHA
Endpoint: EC50 - Species: Daphnia 5012 mg/l - Duration h: 48 - Notes: ECHA
Endpoint: EC50 - Species: Algae 9300 mg/l - Duration h: 72 - Notes: ECHA
Endpoint: EC50 - Species: BATTERI 20900 mg/l - Duration h: 3 - Notes: ECHA

2-(2-butossietossi)etanolo - CAS: 112-34-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Fish = 1300 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48
Endpoint: LC50 - Species: Algae > 100 mg/l - Duration h: 96

ISOPROPYL ALCOHOL - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: LC50 10.000 mg/l - Duration h: 96

CYCLOMETHICONE - CAS: 556-67-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 0.0063 mg/l - Duration h: 336 - CONSID06
Endpoint: EC50 - Species: Daphnia > 0.0091 mg/l - Duration h: 96 - CONSID06
Endpoint: EC50 - Species: Algae > 0.022 mg/l - Duration h: 72 - CONSID06
Endpoint: NOEC - Species: Fish > 0.0044 mg/l - CONSID06

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- Endpoint: NOEC - Species: Daphnia > 0.0079 mg/l - CONSID06
CYCLOHEXASILOXANE - CAS: 540-97-6
- b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia > 0.0046
- e) Plant toxicity:
Endpoint: NOEC - Species: Algae > 0.002 mg/l - Duration h: 72
Endpoint: EC50 - Species: Algae > 0.002 mg/l - Duration h: 72
- CYCLOPENTASILOXANE - CAS: 541-02-6
- a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia > 2.9 mg/l - Duration h: 48 - Notes: Metodo: OECD TG 202
Endpoint: EC50 - Species: Algae > 0.012 mg/l - Duration h: 96
Endpoint: NOEC - Species: Algae 0.012 mg/l - Duration h: 96
Endpoint: LC50 - Species: Fish > 16 mg/l
Endpoint: NOEC - Species: Fish > 0.014 mg/l - Notes: Metodo: OECD TG 210
Endpoint: NOEC - Species: Fish > 0.017 mg/l - Notes: Metodo: OECD TG 204
- b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Fish 0.014 mg/l - Notes: Metodo: OECD TG 211
Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48
- 2-Metilpropan-2-olo - CAS: 75-65-0
- a) Aquatic acute toxicity:
Endpoint: EC50 - Species: shellfish 933 mg/l - Duration h: 48 - Notes: Metodo CE 92/62
Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 72 - Notes: Metodo CE 92/69
- 12.2. Persistence and degradability
None
ALCOHOL - CAS: 64-17-5
Biodegradability: Readily biodegradable
ISOPROPYL ALCOHOL - CAS: 67-63-0
Biodegradability: Readily biodegradable
CYCLOMETHICONE - CAS: 556-67-2
Biodegradability: Non-readily biodegradable
CYCLOHEXASILOXANE - CAS: 540-97-6
Biodegradability: Non-readily biodegradable - Test: BIODG07 - Duration: 28D - %: 4.5
CYCLOPENTASILOXANE - CAS: 541-02-6
Biodegradability: Non-readily biodegradable - Duration: 28D - %: 0.14 - Notes: %
- 12.3. Bioaccumulative potential
ISOPROPYL ALCOHOL - CAS: 67-63-0
Test: Kow - Partition coefficient 0.05
CYCLOHEXASILOXANE - CAS: 540-97-6
Bioaccumulation: Bioaccumulative - Test: BCF - Bioconcentration factor 2860 - Notes: oecd 305
CYCLOPENTASILOXANE - CAS: 541-02-6
Bioaccumulation: Bioaccumulative - Test: BCF - Bioconcentration factor 7060
- 12.4. Mobility in soil
N.A.
- 12.5. Results of PBT and vPvB assessment
PBT Substances:
< 2% CYCLOMETHICONE - CAS: 556-67-2
< 2% CYCLOPENTASILOXANE - CAS: 541-02-6
vPvB Substances:
< 2% CYCLOMETHICONE - CAS: 556-67-2
< 2% CYCLOHEXASILOXANE - CAS: 540-97-6
< 2% CYCLOPENTASILOXANE - CAS: 541-02-6
- 12.6. Endocrine disrupting properties
No endocrine disruptor substances present in concentration $\geq 0.1\%$
- 12.7. Other adverse effects
None

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

14.1. UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

14.6. Special precautions for user

N.A.

14.7. Maritime transport in bulk according to IMO instruments

No

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 2020/878

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 55

Restriction 70

Volatile Organic compounds - VOCs = 10.30 %

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

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Organic Carbon - C = 0.00

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

SVHC Substances:

Substances in candidate list (Art. 59 Reg. 1907/2006, REACH):

CYCLOMETHICONE

PBT, vPvB

CYCLOPENTASILOXANE

PBT, vPvB

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

H361f Suspected of damaging the unborn child.

H413 May cause long lasting harmful effects to aquatic life.

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

H336 May cause drowsiness or dizziness.

H335 May cause respiratory irritation.

H332 Harmful if inhaled.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3
Aquatic Chronic 4	4.1/C4	Chronic (long term) aquatic hazard, category 4

Classification and procedure used to derive the classification for mixtures according to Regulation (EC)

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1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Eye Irrit. 2, H319	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.