



Trade name: Siliclone X-ACT Comp. B

Substance number: 44282

Version: 1 / US

Replaces Version: - / US

Date revised: 19.05.2025

Print date: 19.05.2025

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

1.1. Product identifier

Siliclone X-ACT Comp. B

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

Use of the substance/preparation

Addition curing ear impression silicone

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Otoplastik GmbH

Max-Planck-Straße 31

DE-59423 Unna

Telephone no. +49 2303 8807-0

Fax no. +49 2303 8807-29

Information provided by / telephone Department Research & Development: Fax: +49 2303 8807-562

E-mail address of person responsible for this SDS sicherheitsdatenblatt@dreve.com

1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

SECTION 2: Hazards identification

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Addition-vulcanising 2-component silicone

Hazardous ingredients according to OSHA Hazard Communication Standard 29 CFR 1910.1200

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)

CAS No. 68909-20-6

Concentration ≥ 1 < 10 %

White mineral oil

CAS No. 8042-47-5

Concentration ≥ 1 < 10 %

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

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Concentration >= 1 < 10 %

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures required

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO₂, powders, water spray/mist, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals. For personal protection see Section 8.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

List	TRGS 900	
Type	AGW	
Value	300	mg/m ³
Short term exposure limit	600	mg/m ³

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Avoid contact with eyes.



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Respiratory protection

Not necessary.

Hand protection

Not necessary.

Eye protection

Not necessary.

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form liquid, viscous

Colour pink

Odour characteristic

Odour threshold

Remarks not determined

pH value

Remarks not determined

Melting point

Remarks not determined

Freezing point

Remarks not determined

Initial boiling point and boiling range

Value > 300 °C

Flash point

Value > 130 °C

Method closed cup

Evaporation rate (ether = 1) :

Remarks not determined

Flammability (solid, gas)

not determined

Upper/lower flammability or explosive limits

Remarks not determined

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

Density

Value 1,12 g/cm³

Temperature 20 °C

Solubility in water

Remarks virtually insoluble

Solubility(ies)



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Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Auto-ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

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

Acute oral toxicity (Components)

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)

Species rat



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LD50	> 5000	mg/kg
Method	OECD 401	
Remarks	Test conducted with a similar formulation.	

White mineral oil

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	
Remarks	Test conducted with a similar formulation.	

Acute dermal toxicity

Remarks	Based on available data, the classification criteria are not met.
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Acute dermal toxicity (Components)

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)

Species	rabbit	
LD50	> 2000	mg/kg
Remarks	Test conducted with a similar formulation.	

White mineral oil

Species	rabbit	
LD50	> 2000	mg/kg
Method	OECD 402	

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species	rabbit	
LD50	> 3160	mg/kg
Method	OECD 402	

Acute inhalational toxicity

Remarks	Based on available data, the classification criteria are not met.
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Acute inhalative toxicity (Components)

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)

Species	rat	
LC50	> 5,01	mg/l
Duration of exposure	4	h
Administration/Form	Dust/Mist	
Remarks	Test conducted with a similar formulation.	

White mineral oil

Species	rat	
LC50	> 5,2	mg/l
Duration of exposure	4	h
Administration/Form	Dust/Mist	
Method	OECD 403	

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species	rat	
LC50	> 5266	mg/m ³
Duration of exposure	4	h
Administration/Form	Dust/Mist	
Method	OECD 403	

Skin corrosion/irritation

Remarks	Based on available data, the classification criteria are not met.
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Serious eye damage/irritation



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

Sensitization

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

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

National Toxicology Program (NTP)

No component of this product present at levels greater than or equal to 0,1% is identified as a known or reasonably anticipated to be human carcinogen by NTP

International Agency for research on Cancer (IARC)

No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC

Specific Target Organ Toxicity (STOT)

Single exposure

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

Repeated exposure

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

Specific Target Organ Toxicity (STOT) (Components)

Silanameine, 1,1,1-trimethyl-N-(trimethylsilyl)

Repeated exposure

evaluation May cause damage to organs through prolonged or repeated exposure
Route of exposure inhalative
Organs: Lungs

Aspiration hazard

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

Other information

No toxicological data are available.

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

Silanameine, 1,1,1-trimethyl-N-(trimethylsilyl)

Species zebra fish (Brachydanio rerio)
LC50 > 10000 mg/l

Duration of exposure 96 h

Source Analogous

White mineral oil

Species golden orfe (Leuciscus idus)
LC50 > 10000 mg/l



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Duration of exposure 96 h
Method OECD 203

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species rainbow trout (*Oncorhynchus mykiss*)
NOELR > 1000 mg/l
Duration of exposure 28 d
Remarks The details of the toxic effect relate to the nominal concentration.

Daphnia toxicity (Components)

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)

Species *Daphnia magna*
EC50 > 1000 mg/l
Duration of exposure 48 h
Source Analogous

White mineral oil

Species *Daphnia magna*
LL50 > 100 mg/l
Duration of exposure 48 h
Method OECD 202

White mineral oil

Species *Daphnia magna*
NOEL >= 1000 mg/l
Duration of exposure 21 d
Method OECD 211

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species *Acartia tonsa*
LL50 > 3193 mg/l
Duration of exposure 48 h
Remarks The details of the toxic effect relate to the nominal concentration.

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species *Daphnia magna*
NOELR 5 mg/l
Duration of exposure 21 d
Remarks The details of the toxic effect relate to the nominal concentration.

Algae toxicity (Components)

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)

Species *Desmodesmus subspicatus*
EC50 > 173 mg/l
Duration of exposure 72 h
Source Analogous

White mineral oil

Species *Pseudokirchneriella subcapitata*
LOEC >= 100 mg/l
Duration of exposure 72 h
Method OECD 201

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species *Skeletonema costatum*
EL50 > 3200 mg/l
Duration of exposure 72 h
Remarks The details of the toxic effect relate to the nominal concentration.

Bacteria toxicity (Components)

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)

Species activated sludge



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EC50	>	2500		mg/l
Duration of exposure		3	h	
Method		OECD 209		
Source		Analogous		

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species		activated sludge		
EC50	>	100		mg/l
Duration of exposure		3	h	
Method		OECD 209		

12.2. Persistence and degradability

General information

not determined

Biodegradability (Components)

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)

Remarks Inorganic product, cannot be eliminated from the water by biological purification processes.

White mineral oil

Value	31		%
Duration of test	28	d	
evaluation		Moderately/partially biodegradable	
Method		OECD 301 F	

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Value	74		%
Duration of test	28	d	
evaluation		Readily biodegradable (according to OECD criteria)	

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient: n-octanol/water

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)

White mineral oil

log Pow	4,3	to	18,02
Temperature	20	°C	
Source		ECHA	

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

log Pow	5,22	to	9,67
Temperature	20	°C	

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Evaluation of persistence and bioaccumulation potential

The product contains no PBT substances
The product contains no vPvB substances.



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12.6. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Must not be disposed together with household garbage.
Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Ground transport DOT	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)		-	-
Label			
14.4. Packing group		-	-

SECTION 15: Regulatory information

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

Other information

All components are contained in the TSCA inventory or exempted.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302Extremely Hazardous Substance (40 CFR 355)

The product does not contain any listed components.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III



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Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

The product does not contain any listed components.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

Warning! This product may contain trace quantities of substance(s) known to the state of California to cause cancer and/or reproductive toxicity – not added as a part of the formulation but remaining as residuals from the manufacturing process of our raw material suppliers.

SECTION 16: Other information

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.