



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**ZEVIJ 4TECX SIL. SMEERSPRAY**  
Supersedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

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

### **1.1. Product identifier**

**Product Name** ZEVIJ 4TECX SIL. SMEERSPRAY  
**Product number** 4058302431  
**Pure substance/mixture** Mixture

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

**Recommended use** lubricant  
**Uses advised against** Consumer use

### **1.3. Details of the supplier of the safety data sheet**

#### **Company Name**

Zevij-Necomij  
Touwslagerijweg 4  
4906 CS OOSTERHOUT  
THE NETHERLANDS  
Telephone number: +31 (0) 162 426917  
Fax number: +31 (0) 162 432553  
E-mail address: info@zevij-necomij.com  
Website: www.4tecX.com

### **1.4. Emergency telephone number**

**Europe** 112

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

**Regulation (EC) No 1272/2008**

**Chronic aquatic toxicity**  
**Aerosols**

Category 3 - (H412)  
Category 1 - (H222, H229)

### **2.2. Label elements**



**Signal word**  
Danger

#### **Hazard statements**

H412 - Harmful to aquatic life with long lasting effects  
H222 - Extremely flammable aerosol

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

H229 - Pressurised container: May burst if heated

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

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P211 - Do not spray on an open flame or other ignition source

P251 - Do not pierce or burn, even after use

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P501 - Dispose of contents/container to hazardous or special waste collection point

## 2.3. Other hazards

In case of insufficient ventilation and/or through use, the formation of a explosive/highly flammable mixture is possible. Causes mild skin irritation.

## PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	EC No.	CAS No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	REACH registration number
Propane >25 - <40 %	200-827-9	74-98-6	Flam. Gas 1 (H220) Press. Gas (H280)	-	-	-	01-2119486944
Butane >25 - <40 %	203-448-7	106-97-8	Flam. Gas 1 (H220) Press. Gas (H280)	-	-	-	01-2119474691
Isobutane 10 - <20 %	200-857-2	75-28-5	Flam. Gas 1 (H220) Press. Gas (H280)	-	-	-	01-2119485395
Poly(dimethylsiloxane) 5 - <10 %	-	63148-62-9	-	-	-	-	[7]
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 1 - <5 %	927-510-4	--	STOT SE 3 (H336) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411) Flam. Liq. 2 (H225)	-	-	-	01-211947551 5-33-xxxx
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane 1 - <5 %	921-024-6	RR-100221-7	STOT SE 3 (H336) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411) Flam Liq. 2 (H225)	-	-	-	01-2119475514 35-XXXX

**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

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supersedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

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	CAS No	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Propane	200-827-9	74-98-6	-	-	-	-	-
Butane	203-448-7	106-97-8	-	-	-	-	-
Isobutane	200-857-2	75-28-5	-	-	-	-	-
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	927-510-4	--	-	-	-	-	-
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	921-024-6	RR-100221-7	-	2921	-	-	-

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

Chemical name	CAS No	SVHC candidates
Propane	74-98-6	
Butane	106-97-8	
Isobutane	75-28-5	
Poly(dimethylsiloxane)	63148-62-9	
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	--	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	RR-100221-7	

Chemical name	Notes
Propane - 74-98-6	U
Butane - 106-97-8	C,U
Isobutane - 75-28-5	C,U

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	In the case of skin irritation or allergic reactions see a doctor. Wash skin with soap and water.
<b>Ingestion</b>	Clean mouth with water. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

contamination. Wear personal protective clothing (see section 8).

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

**Symptoms** Prolonged contact may cause redness and irritation.

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

**Note to doctors** Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray.

**Unsuitable extinguishing media** DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Silicon dioxide.

### **5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Avoid breathing dust/fume/gas/mist/vapours/spray.

**Other information** Ventilate the area.

**For emergency responders** Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### **6.3. Methods and material for containment and cleaning up**

**Methods for containment** Keep out of drains, sewers, ditches and waterways. Stop leak if you can do it without risk. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Flood with water to complete polymerization and scrape off floor.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 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** Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid contact with skin and eyes. Avoid breathing vapours or mists.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

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

**Storage Conditions** Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. Keep/store only in original container. Store in a dry place. Store in a closed container.

### 7.3. Specific end use(s)

**Specific use(s)**  
lubricant.

**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

#### Exposure Limits

Chemical name	European Union	Ireland	United Kingdom
Butane 106-97-8	-	TWA: 1000 ppm STEL: 3000 ppm	TWA: 600 ppm TWA: 1450 mg/m <sup>3</sup> STEL: 750 ppm STEL: 1810 mg/m <sup>3</sup>
Propane 74-98-6	-	STEL: 3000 ppm	
Isobutane 75-28-5	-	TWA: 1000 ppm (8hr) STEL: 1000 ppm	

Chemical name	European Union
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic,	DNEL (Ind/Prof)

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
 Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
 Revision Number 1

<5% n-hexane RR-100221-7	773 mg/Kg bw/day (dermal) 2035 mg/m <sup>3</sup> /8h (inhalation)
-----------------------------	--

**Derived No Effect Level (DNEL)** No information available

## Derived No Effect Level (DNEL)

### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (--)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	2085 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Dermal	300 mg/kg bw/d	

### Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane (RR-100221-7)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Long term Systemic health effects worker DNEL	Inhalation	2035 mg/m <sup>3</sup>	
Long term Systemic health effects worker DNEL	Dermal	773 mg/kg bw/d	

## Derived No Effect Level (DNEL)

### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (--)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	447 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Dermal	149 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	149 mg/kg bw/d	

### Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane (RR-100221-7)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Dermal	699 mg/kg bw/d	
Consumer Long term Systemic health effects	Inhalation	608 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Oral	699 mg/kg bw/d	

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

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

## 8.2. Exposure controls

<b>Engineering controls</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166
<b>Hand protection</b>	Wear suitable gloves. Glove thickness > 0.7mm. Butyl rubber. Nitrile rubber. 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
<b>Skin and body protection</b>	Wear appropriate personal protective clothing to prevent skin contact.
<b>Respiratory protection</b>	Ensure adequate respiratory protection during spray applications. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Recommended filter type:</b>	Organic gases and vapours filter conforming to EN 14387. Wear a respirator conforming to EN 140 with Type A filter or better.

**Environmental exposure controls** No information available.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Aerosol
<b>Colour</b>	Colourless
<b>Odour</b>	Petroleum.
<b>Odour threshold</b>	No information available

<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>
<b>Melting point / freezing point</b>	Not applicable . °C	None known
<b>Initial boiling point and boiling range</b>	Not applicable, Aerosol .	Not applicable, Aerosol
<b>Flammability</b>	Not applicable for liquids .	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Flash point</b>	Not applicable, Aerosol .	Not applicable, Aerosol
<b>Autoignition temperature</b>	>200 °C	None known
<b>Decomposition temperature</b>		None known
<b>pH</b>	No data available	Not applicable. Insoluble in water.
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	
<b>Water solubility</b>	Insoluble in water.	None known
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Vapour pressure</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Bulk Density</b>	No data available	
<b>Liquid Density</b>	0.578 g/cm <sup>3</sup>	
<b>Relative vapour density</b>	No data available	None known
<b>Particle characteristics</b>		
<b>Particle Size</b>	No information available	
<b>Particle Size Distribution</b>	No information available	

### 9.2. Other information

<b>Solid content (%)</b>	0
--------------------------	---

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

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 No information available.

### 10.2. Chemical stability

Stability Stable under normal conditions.

### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Heating causes rise in pressure with risk of bursting.

### 10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. Keep away from open flames, hot surfaces and sources of ignition. Extremes of temperature and direct sunlight.

### 10.5. Incompatible materials

Incompatible materials Incompatible with oxidising agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition conditions. products None under normal use conditions. Stable under recommended storage

## 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 Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

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

Skin contact Specific test data for the substance or mixture is not available. Causes mild skin irritation.

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

#### Symptoms related to the physical, chemical and toxicological characteristics

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

**Symptoms** Prolonged contact may cause redness and irritation.

## Acute toxicity

## Numerical measures of toxicity

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propane	-	-	>800000 ppm (Rattus) 15 min
Butane	-	-	=658 g/m <sup>3</sup> (Rattus) 4 h
Isobutane	-	-	=658 mg/L (Rattus) 4 h
Poly(dimethylsiloxane)	>17 g/kg (Rattus)	> 2 g/kg (Oryctolagus cuniculus)	-
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	LD50 >5840 mg/kg Rat	LD50 >2920 mg/kg (Rattus)	LC50 >23.3 mg/L (4h)(Rat, vapour) (OECD 403)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	LD50 >5840 mg/kg (Rattus)	LD50 >2800-3100 mg/kg (Rattus)	LD50 (4h) >25200 mg/m <sup>3</sup>

## 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. May cause skin irritation.

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

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

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

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

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

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

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

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

## 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)
Poly(dimethylsiloxane) 63148-62-9	EC50 14d > 2,000 mg/l	-	-	EC50(48hr) > 100 mg/l (Daphnia magna)		
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics --	ErL50 (72h) = 10-30 mg/L (Pseudokirchneriella subcapitata)	LL50 (96h) >13.4 mg/L (Oncorhynchus mykiss) OECD 203	-	EL50 (48h) = 3.0 mg/L (Daphnia magna)		
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane RR-100221-7	EL50 (72h)= 26 mg/L (Pseudokirchneriella subcapitata) OECD 201	LL50 (96h) =12 mg/L (Oncorhynchus mykiss) OECD 203	-	EL50 (48h) =3mg/L (Daphnia magna) OECD 202		

### 12.2. Persistence and degradability

Persistence and degradability No information available.

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (--)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	98%	Readily biodegradable

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane (RR-100221-7)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	98%	Readily biodegradable

### 12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Propane	1.09
Butane	2.31
Isobutane	2.8
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	4

### 12.4. Mobility in soil

Mobility in soil No information available.

### 12.5. Results of PBT and vPvB assessment

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

## PBT and vPvB assessment

Chemical name	PBT and vPvB assessment
Propane	The substance is not PBT / vPvB
Butane	The substance is not PBT / vPvB PBT assessment does not apply
Isobutane	The substance is not PBT / vPvB PBT assessment does not apply

## 12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste from residues/unused products	Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.
European Waste Catalogue	16 05 04* gases in pressure containers (including halons) containing dangerous substances 15 01 04 metallic packaging
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	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Transport hazard class(es)	2
Labels	2.1
14.4 Packing group	Not regulated
Description	UN1950, Aerosols, 2, (D)
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	190, 327, 344, 625
Classification code	5F
Tunnel restriction code	(D)
Limited quantity (LQ)	1 L

### IMDG

14.1 UN number or ID number	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Transport hazard class(es)	2.1
14.4 Packing group	Not regulated
Description	UN1950, Aerosols, 2.1, (0°C c.c.)
14.5 Marine pollutant	NP
14.6 Special Provisions	63,190, 277, 327, 344, 381, 959

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

Limited Quantity (LQ) See SP277 --  
EmS-No F-D, S-U  
14.7 Maritime transport in bulk according to IMO instruments Not applicable

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

14.1 UN number or ID number UN1950  
14.2 Proper Shipping Name Aerosols, flammable  
14.3 Transport hazard class(es) 2.1  
14.4 Packing group Not regulated  
Description UN1950, Aerosols, flammable, 2.1  
14.5 Environmental hazards Not applicable  
14.6 Special Provisions A145, A167, A802  
Limited quantity (LQ) 30 kg G  
ERG Code 10L

## Section 15: REGULATORY INFORMATION

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

#### European Union

#### Registration, Evaluation, Authorization, 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  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	CAS No
Propane	74-98-6
Butane	106-97-8
Isobutane	75-28-5
Poly(dimethylsiloxane)	63148-62-9
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	--
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	RR-100221-7

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

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

Chemical name	CAS No	Restricted substance per REACH Annex XVII
Propane	74-98-6	
Butane	106-97-8	
Isobutane	75-28-5	
Poly(dimethylsiloxane)	63148-62-9	
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	--	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	RR-100221-7	

#### **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)

#### **Dangerous substance category per Seveso Directive (2012/18/EU)**

P3a - FLAMMABLE AEROSOLS  
P3b - FLAMMABLE AEROSOLS

# SAFETY DATA SHEET

ZEVIJ 4TECX SIL. SMEERSPRAY  
Supercedes Date: 01-Sep-2022

Revision date 01-Sep-2022  
Revision Number 1

## Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

## Persistent Organic Pollutants

Not applicable

## 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 H-Statements referred to under section 3

H225 - Highly flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H336 - May cause drowsiness or dizziness  
H411 - Toxic to aquatic life with long lasting effects

SVHC: Substances of Very High Concern for Authorisation:

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

LOW: List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

#### Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
AGW	Occupational exposure limit value	BGW	Biological limit value
Ceiling	Maximum limit value	*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - Vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method

# SAFETY DATA SHEET

**ZEVIJ 4TECX SIL. SMEERSPRAY**  
**Supercedes Date:** 01-Sep-2022

**Revision date** 01-Sep-2022  
**Revision Number** 1

STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method
	On basis of test data

## Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)  
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
European Chemicals Agency (ECHA) (ECHA\_API)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
NIOSH (National Institute for Occupational Safety and Health)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 01-Sep-2022

**Training Advice** No information available

**Further information** No information available

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

## 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**