



## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 1 of 10

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

##### 1.1. Product identifier

Silicone remover

UFI: GEM0-J0RR-C00R-ADH1

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

###### Use of the substance/mixture

For the removal of silicone on plastics, wood, acrylic, glass, tiles, ceramics, marble, other natural stones, metal, carpets, leather and textiles. Interior and exterior usage.

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

Company name:	FLUX Werkzeuge Wustrow GmbH	
Street:	Naudener Str. 9	
Place:	D-29462 Wustrow (Wendland)	
Telephone:	+49(0)5843-986572	Telefax: +49(0)5843-1364
E-mail:	info@fugenboy.de	
Internet:	www.fugenboy.de	
Responsible Department:	Produktsicherheit / Product Safety, Email: info@fugenboy.de	

##### 1.4. Emergency telephone number:

+49 (0)30-30 68 67 00 (24h – Berliner Giftnotruf)

#### SECTION 2: Hazards identification

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

###### GB CLP Regulation

Skin Sens. 1; H317

Asp. Tox. 1; H304

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

##### 2.2. Label elements

###### GB CLP Regulation

###### Hazard components for labelling

Isoaliphates (C11-C12)

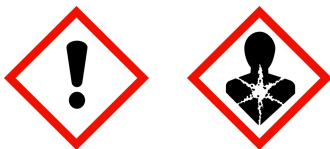
Isoaliphate (C11-C13)

Isoaliphate (C11-C14)

limonene (orange oil)

Signal word: Danger

Pictograms:



###### Hazard statements

H304

May be fatal if swallowed and enters airways.

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

###### Precautionary statements

P102

Keep out of reach of children.

P301+P310

IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a doctor.

P405

Store locked up.



## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 2 of 10

#### Special labelling of certain mixtures

EUH018 In use may form flammable/explosive vapour-air mixture.  
 EUH066 Repeated exposure may cause skin dryness or cracking.

#### 2.3. Other hazards

Keep away from combustible material.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Isoaliphates, Bentone, ethanol and essential oils.

##### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
	Isoaliphates (C11-C12)			40 - < 50 %
	918-167-1		01-2119472146-39	
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 4; H226 H304 H413			
	Isoaliphate (C11-C13)			20 - < 30 %
	920-901-0		01-2119456810-40	
	Asp. Tox. 1; H304			
	Isoaliphate (C11-C14)			20 - < 30 %
	927-285-2		01-2119480162-45	
	Asp. Tox. 1; H304			
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene			1 - < 10 %
	227-813-5	601-096-00-2		
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 3; H226 H315 H317 H304 H400 H412			
64-17-5	ethanol; ethyl alcohol			1 - < 10 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
	918-167-1	Isoaliphates (C11-C12)	40 - < 50 %
	dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg		
	920-901-0	Isoaliphate (C11-C13)	20 - < 30 %
	dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg		
	927-285-2	Isoaliphate (C11-C14)	20 - < 30 %
	dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg		
5989-27-5	227-813-5	(R)-p-mentha-1,8-diene; d-limonene	1 - < 10 %
	dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg Aquatic Acute 1; H400: M=1		
64-17-5	200-578-6	ethanol; ethyl alcohol	1 - < 10 %
	inhalation: LC50 = 95,6 mg/l (vapours); oral: LD50 = 6200 mg/kg		

### SECTION 4: First aid measures



## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 3 of 10

#### **4.1. Description of first aid measures**

##### **General information**

Remove contaminated, saturated clothing immediately.

##### **After inhalation**

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

##### **After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

##### **After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

##### **After ingestion**

Do NOT induce vomiting. Call a physician immediately.

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

No information available.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Water spray jet. Co-ordinate fire-fighting measures to the fire surroundings.

##### **Unsuitable extinguishing media**

Full water jet

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

In case of insufficient ventilation and use, explosive/flammable mixtures may develop.

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

In case of fire: Wear self-contained breathing apparatus.

##### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

##### **General advice**

Use personal protection equipment. Ventilate affected area.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

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

##### **For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).

##### **For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Provide adequate ventilation.



## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 4 of 10

#### **6.4. Reference to other sections**

Safe handling: see section 7  
 Personal protection equipment: see section 8  
 Disposal: see section 13

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Keep container tightly closed.

##### **Advice on protection against fire and explosion**

Protect from sunlight. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

##### **Advice on general occupational hygiene**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

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

##### **Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

##### **Hints on joint storage**

Keep/Store away from combustible materials.

##### **Further information on storage conditions**

Technische Regeln für brennbare Flüssigkeiten (TRbF)

#### **7.3. Specific end use(s)**

For the removal of silicone on glass, glazed tiles or ceramic. Interior and exterior usage.

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

##### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

#### **8.2. Exposure controls**

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

##### **Eye/face protection**

Eye glasses with side protection.

##### **Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### **Skin protection**

Wear suitable protective clothing.

##### **Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

##### **Thermal hazards**

No information available.



## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 5 of 10

#### Environmental exposure controls

Do not allow to enter into surface water or drains.

### SECTION 9: Physical and chemical properties

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

Physical state:	Liquid
Colour:	colourless
Odour:	characteristic
Boiling point or initial boiling point and boiling range:	180-205 °C
Flammability:	not applicable not applicable
Lower explosion limits:	0,5 vol. %
Upper explosion limits:	7,0 vol. %
Flash point:	> 61 °C
Auto-ignition temperature:	> 200 °C
Decomposition temperature:	not determined
pH-Value:	not applicable
Viscosity / kinematic: (at 40 °C)	< 7 mm <sup>2</sup> /s
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
Solubility in other solvents	not determined
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 15 °C):	0,83 g/cm <sup>3</sup>
Relative vapour density:	not determined

#### 9.2. Other information

##### Information with regard to physical hazard classes

##### Explosive properties

In use may form flammable/explosive vapour-air mixture.

##### Self-ignition temperature

Solid:

not applicable

Gas:

not applicable

##### Other safety characteristics

Evaporation rate:

not determined

Solid content:

not determined

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

In case of insufficient ventilation and use, explosive/flammable mixtures may develop.

#### 10.4. Conditions to avoid

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



## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 6 of 10

#### 10.5. Incompatible materials

Do not mix with acids. Oxidising agent, strong

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in GB CLP Regulation

##### Acute toxicity

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

##### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Isoaliphates (C11-C12)				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
	Isoaliphate (C11-C13)				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
	Isoaliphate (C11-C14)				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene				
	oral	LD50 > 5000 mg/kg	Rat	GESTIS	
	dermal	LD50 > 5000 mg/kg	Rabbit	GESTIS	
64-17-5	ethanol; ethyl alcohol				
	oral	LD50 6200 mg/kg	Rat	IUCLID	
	inhalation (4 h) vapour	LC50 95,6 mg/l	Rat	RTECS	

#### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

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

Repeated exposure may cause skin dryness or cracking.

#### Sensitising effects

May cause an allergic skin reaction. ((R)-p-mentha-1,8-diene; d-limonene)

#### Carcinogenic/mutagenic/toxic effects for reproduction

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.



## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 7 of 10

#### 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

May be fatal if swallowed and enters airways.

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

No information available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
	Isoaliphates (C11-C12)					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	fish		
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Algae		
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Daphnia magna		
	Isoaliphate (C11-C13)					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	fish		
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Algae		
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna		
	Isoaliphate (C11-C14)					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	fish		
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Algae		
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna (Big water flea)		
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene					
	Acute fish toxicity	LC50 0,7 mg/l	96 h	Pimephales promelas		
	Acute crustacea toxicity	EC50 0,42 mg/l	48 h	Daphnia magna		
64-17-5	ethanol; ethyl alcohol					
	Acute crustacea toxicity	EC50 9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID	

#### 12.2. Persistence and degradability

The product has not been tested.

#### 12.3. Bioaccumulative potential

The product has not been tested.



## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 8 of 10

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
5989-27-5	(R)-p-mentha-1,8-diene; d-limonene	4,23
64-17-5	ethanol; ethyl alcohol	-0,31

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No information available.

#### Further information

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

##### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

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

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No





## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 9 of 10

#### **14.6. Special precautions for user**

No information available.

#### **14.7. Maritime transport in bulk according to IMO instruments**

not applicable

### SECTION 15: Regulatory information

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

##### **EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: 99%

##### **Additional information**

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

##### **National regulatory information**

Water hazard class (D): 2 - obviously hazardous to water

#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### **Changes**

This data sheet contains changes from the previous version in section(s): 8.

#### **Abbreviations and acronyms**

Flam. Liq: Flammable liquids

Asp. Tox: Aspiration hazard

Skin Irrit: Skin irritation

Eye Irrit: Eye irritation

Skin Sens: Skin sensitisation

Aquatic Acute: Acute aquatic hazard

Aquatic Chronic: Chronic aquatic hazard

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

#### **Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method
Asp. Tox. 1; H304	Calculation method
Aquatic Chronic 3; H412	Calculation method

#### **Relevant H and EUH statements (number and full text)**

Highly flammable liquid and vapour.

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.



## Safety Data Sheet

according to UK REACH Regulation

### Silicone remover SE50 and SE250

Revision date: 06.03.2025

Page 10 of 10

Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Very toxic to aquatic life.  
Harmful to aquatic life with long lasting effects.  
May cause long lasting harmful effects to aquatic life.  
In use may form flammable/explosive vapour-air mixture.  
Repeated exposure may cause skin dryness or cracking.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

---

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*