

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

CF Silicon Remover - Strawberry

**Product no.**

7-551-1000\_5000

**REACH registration number**

-

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

**Relevant identified uses of the substance or mixture**

Bodywork protector treatment. Only for professional use.

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

August Handel GmbH  
Heinrich-Hertz-Str. 3b  
DE-14532 Kleinmachnow b. Berlin  
Germany  
Phone: +49 33203 50 300

**Contact person**

Matthias Scherzer

**E-mail**

info@augusthandel.com

**SDS date**

2020-11-24

**SDS Version**

1.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Asp. Tox. 1; H304  
Skin Irrit. 2; H315  
STOT SE 3; H336  
Aquatic Chronic 1; H410  
See full text of H-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)****Signal word**

Danger

**Hazard statement(s)**

May be fatal if swallowed and enters airways. (H304)

Causes skin irritation. (H315)  
 May cause drowsiness or dizziness. (H336)  
 Very toxic to aquatic life with long lasting effects. (H410)

#### Precautionary statements

**General** If medical advice is needed, have product container or label at hand. (P101).  
 Keep out of reach of children. (P102).  
**Prevention** Wear protective gloves/protective clothing. (P280).  
**Response** IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310).  
**Storage** Store locked up. (P405).  
**Disposal** Dispose of contents/container to an approved waste disposal plant. (P501).

#### Identity of the substances primarily responsible for the major health hazards

Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics

#### Additional labelling

Not applicable

#### Unique formula identifier (UFI)

-

#### 2.3. Other hazards

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

#### Additional warnings

Tactile warning. If this product is sold in retail, it must be delivered with child-resistant fastening.

#### VOC (volatile organic compound)

VOC-Max: 781 g/l, MAXIMUM VOC CONTENT (B/a2): 200 g/l.

### SECTION 3: Composition/information on ingredients

#### 3.1/3.2. Substances/Mixtures

NAME: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics  
 IDENTIFICATION NOS.: CAS-no: 927-24-2 EC-no: 927-241-2 REACH-no: 01-2119471843-32  
 CONTENT: 30%  
 CLP CLASSIFICATION: Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3  
 H226, H304, H336, H412

NAME: Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics  
 IDENTIFICATION NOS.: EC-no: 920-750-0  
 CONTENT: 70%  
 CLP CLASSIFICATION: Flam. Liq. 2, STOT SE 3, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 1  
 H225, H304, H315, H336, H410, H411, EUH066

(\*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

Skin Cat. 2 Sum =  $\sum(C_i/S(G)CL_i) = 8 - 12$   
 N chronic (CAT 1) Sum =  $\sum(C_i/(M(\text{chronic})^*25)) = 3.2 - 4.8$

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
 The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service).  
 Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Bring the person into fresh air and stay with him/her.

##### Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

##### Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least

15 minutes. Seek medical assistance and continue flushing during transport.

### **Ingestion**

Do not induce vomiting! If vomiting occurs, keep head facing down to prevent vomit entering the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should be kept under medical attention for a minimum of 48 hours.

### **Burns**

Not applicable

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

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned: Get immediate medical advice/attention.

### **Information to medics**

Bring this safety data sheet.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

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

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

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

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

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

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

Avoid inhalation of vapours from spilled material. Avoid direct contact with spilled substances.

### **6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

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

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## **SECTION 7: Handling and storage**

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

Avoid static electricity. Protect electrical equipment in accordance with current standards. To divert static electricity during transmission, containers must be grounded and connected by wire with the receiving containers. Do not use spark-forming tools.

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

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

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Storage temperature

No data available.

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

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

#### DNEL / PNEC

DNEL (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics): 871 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics): 185 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics): 77 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics): 46 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL (Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics): 2035 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics): 773 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics): 608 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL (Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics): 699 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL (Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics): 699 mg/kg bw/day

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

### 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

#### General recommendations

Observe general occupational hygiene standards.

#### Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

#### Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

#### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

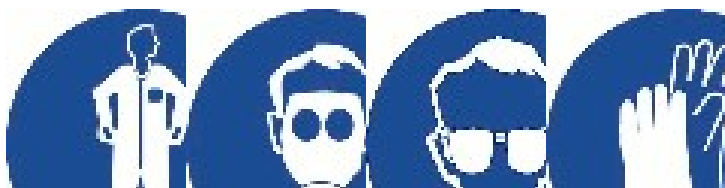
#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

Keep containment materials near the workplace. If possible, collect spillage during work.

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

**Generally**

Use only CE marked protective equipment.

**Respiratory Equipment**

Recommended: Combination filter A2P2. Class 2. Brown/White

**Skin protection**

Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.

**Hand protection**

Nitrile rubber

Material thickness: 0,4 mm.

Breakthrough time: > 480 minutes (Class 6)

**Eye protection**

Wear safety glasses with side shields.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Form	Liquid
Colour	Colourless
Odour	Aromatic
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	0,8-1,8 mm <sup>2</sup> /s
Density (g/cm <sup>3</sup> )	0.76

**Phase changes**

Melting point (°C)	No data available.
Boiling point (°C)	106-164
Vapour pressure (20°C)	0.5 kPa
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	0.5

**Data on fire and explosion hazards**

Flash point (°C)	29
Ignition (°C)	No data available.
Auto flammability (°C)	256
Explosion limits (% v/v)	0.8 - 6
Explosive properties	No data available.

**Solubility**

Solubility in water	Insoluble
n-octanol/water coefficient	>4

**9.2. Other information**

Solubility in fat (g/L)	No data available.
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**SECTION 10: Stability and reactivity****10.1. Reactivity**

No data available

**10.2. Chemical stability**

The product is stable under the conditions, noted in the section "Handling and storage".

**10.3. Possibility of hazardous reactions**

Nothing special

**10.4. Conditions to avoid**

Nothing special

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Substance: Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: 8

Substance: Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics  
Species: Rat  
Test: LC50  
Route of exposure: Inhalation  
Result: 23,3

Substance: Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics  
Species: Rat  
Test: LD50  
Route of exposure: Dermal  
Result: 4

Substance: Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics  
Species: Rat  
Test: LD50  
Route of exposure: Dermal  
Result: 2800-3100

Substance: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Species: Rat  
Test: LD50  
Route of exposure: Dermal  
Result: 2 000 mg/kg bw

Substance: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Species: Rabbit  
Test: LD50  
Route of exposure: Dermal  
Result: 3160-5000 mg/kg bw

Substance: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: 5000-15000 mg/kg bw

Substance: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Species: Rat  
Test: LC50  
Route of exposure: Inhalation  
Result: 5 mg/L

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

No data available.

#### Respiratory or skin sensitisation

No data available.

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

No data available.

#### Reproductive toxicity

No data available.

#### STOT-single exposure

May cause drowsiness or dizziness.

#### STOT-repeated exposure

No data available.

#### Aspiration hazard

May be fatal if swallowed and enters airways.

**Long term effects**

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**SECTION 12: Ecological information****12.1. Toxicity**

Substance: Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics  
 Species: Aquatic invertebrates  
 Test: EC50  
 Duration: 21 d  
 Result: 230 µg/L

Substance: Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics  
 Species: Aquatic invertebrates  
 Test: LOEC  
 Duration: 21 d  
 Result: 320 µg/L

Substance: Hydrocarbons, C7-C9 n-alkanes, isoalkanes, cyclics  
 Species: Aquatic invertebrates  
 Test: NOEC  
 Duration: 21 d  
 Result: 170 µg/L

**12.2. Persistence and degradability**

Substance	Biodegradability	Test	Result
No data available.			

**12.3. Bioaccumulative potential**

Substance	Potential bioaccumulation	LogPow	BCF
No data available.			

**12.4. Mobility in soil**

No data available

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

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

**12.6. Other adverse effects**

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product is covered by the regulations on hazardous waste.

**Waste**

EWC code

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**Specific labelling**

Not applicable

**Contaminated packing**

Contaminated packaging must be disposed of similarly to the product.

**SECTION 14: Transport information****14.1 – 14.4**

This product is within scope of the regulations of transport of dangerous goods.

**ADR/RID**

<b>14.1. UN number</b>	3295
<b>14.2. UN proper shipping name</b>	HYDROCARBONS, LIQUID, N.O.S.
<b>14.3. Transport hazard class(es)</b>	3
<b>14.4. Packing group</b>	II
<b>Notes</b>	-
<b>Tunnel restriction code</b>	D/E

**IMDG**

<b>UN-no.</b>	3295
<b>Proper Shipping Name</b>	HYDROCARBONS, LIQUID, N.O.S.
<b>Class</b>	3
<b>PG*</b>	II
<b>EmS</b>	F-E, S-D
<b>MP**</b>	Yes
<b>Hazardous constituent</b>	-

**IATA/ICAO**

<b>UN-no.</b>	3295
<b>Proper Shipping Name</b>	HYDROCARBONS, LIQUID, N.O.S.
<b>Class</b>	3
<b>PG*</b>	II

**14.5. Environmental hazards**

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

**14.6. Special precautions for user**

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**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available

(\*) Packing group

(\*\*) Marine pollutant

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Restrictions for application**

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

**Demands for specific education**

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**Additional information**

Not applicable

**Seveso**

Seveso III Part 1: E1

**Biocidal reg. no.**

Not applicable

**Sources**

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.  
 Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.  
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).  
 Regulation (EC) 1907/2006 (REACH).  
 The Control of Major Accident Hazards (COMAH) Regulations 2015.

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information****Full text of H-phrases as mentioned in section 3**

H225 - Highly flammable liquid and vapour.  
 H226 - Flammable liquid and vapour.  
 H304 - May be fatal if swallowed and enters airways.  
 H315 - Causes skin irritation.  
 H336 - May cause drowsiness or dizziness.



H410 - Very toxic to aquatic life with long lasting effects.

H411 - Toxic to aquatic life with long lasting effects.

H412 - Harmful to aquatic life with long lasting effects.

EUH066 - Repeated exposure may cause skin dryness or cracking.

**The full text of identified uses as mentioned in section 1**

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**Additional label elements**

Not applicable

**Other**

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

**The safety data sheet is validated by**

SG

**Date of last essential change**

**(First cipher in SDS version)**

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**Date of last minor change**

**(Last cipher in SDS version)**

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