

**Safety Data Sheet**

according to UK REACH Regulation

**Orange Power Cleaner**

Revision date: 17.02.2025

Product code: 018

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Orange Power Cleaner

UFI: T892-80NH-F004-VY5E

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

All-purpose cleaner with grease-dissolving power

**Uses advised against**

Not known.

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

Company name:	Sodasan GmbH	
Street:	Rudolf-Diesel-Str. 19	
Place:	D-26670 Uplengen	
Telephone:	0495640720	Telefax: 04956407299
E-mail:	info@sodasan.com	
Contact person:	Frau Grätz	Telephone: 04956407234
E-mail:	mg@sodasan.com	
Internet:	www.sodasan.de	
Responsible Department:	QS	

**1.4. Emergency telephone number:** Gifftinformationszentrum-Nord (Universitätsmedizin Göttingen): 0551 19240 (24h)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Eye Dam. 1; H318  
 Skin Sens. 1; H317  
 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

Das Produkt ist nicht kennzeichnungspflichtig hinsichtlich der hautreizenden Wirkung und nicht als ätzend zu kennzeichnen hinsichtlich der Augen auf Grund eines DetNet-Gutachtens.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

D-Glucopyranose, Oligomer, C10-16-alkyl Glycoside  
 D-Glucopyranose, Oligomere, Decyloctylglycoside  
 Sodium Lauryl Sulfate  
 Orange oil BIO S0402989

**Signal word:** Danger**Pictograms:****Hazard statements**

H318 Causes serious eye damage.  
 H317 May cause an allergic skin reaction.  
 H412 Harmful to aquatic life with long lasting effects.

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### Precautionary statements

P501	Dispose of contents/container to waste disposal in accordance with local/regional regulation.
P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
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 labelling of certain mixtures

EUH208	Contains Limonene. May produce an allergic reaction.
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### 2.3. Other hazards

Not known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Relevant ingredients

CAS No	Chemical name	Quantity
	EC No	Index No
	REACH No	
	Classification (GB CLP Regulation)	
110615-47-9	D-Glucopyranose, Oligomer, C10-16-alkyl Glycoside	10 - < 15 %
		01-2119489418-23
	Skin Irrit. 2, Eye Dam. 1; H315 H318	
68515-73-1	D-Glucopyranose, Oligomere, Decyloctylglycoside	10 - < 15 %
	500-220-1	01-2119488530-36
	Eye Dam. 1; H318	
85586-07-8	Sodium Lauryl Sulfate	5 - < 10 %
	287-809-4	01-2119489463-28
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412	
64-17-5	ethanol; ethyl alcohol	1 - < 5 %
	200-578-6	603-002-00-5
	01-2119457610-43	
	Flam. Liq. 2, Skin Irrit. 2, Eye Irrit. 2; H225 H315 H319	
	Orange oil BIO S0402989	1 - < 5 %
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H304 H400 H410	

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	
110615-47-9		D-Glucopyranose, Oligomer, C10-16-alkyl Glycoside	10 - < 15 %
		Eye Dam. 1; H318: >= 12 - 100	
85586-07-8	287-809-4	Sodium Lauryl Sulfate	5 - < 10 %
		oral: ATE = 500 mg/kg	
64-17-5	200-578-6	ethanol; ethyl alcohol	1 - < 5 %
		inhalation: LC50 = 95,6 mg/l (vapours); oral: LD50 = 6200 mg/kg	

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### **General information**

When in doubt or if symptoms are observed, get medical advice.  
Never give anything by mouth to an unconscious person or a person with cramps.  
If unconscious but breathing normally, place in recovery position and seek medical advice.

##### **After inhalation**

Remove casualty to fresh air and keep warm and at rest.  
If breathing is irregular or stopped, administer artificial respiration.

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

Immediately remove any contaminated clothing, shoes or stockings.  
After contact with skin, wash immediately with plenty of water and soap.  
Do not wash with: Solvents/Thinner.

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

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

##### **After ingestion**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.  
Put victim at rest, cover with a blanket and keep warm.  
Do NOT induce vomiting.

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

Not known.

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

Not known.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Extinguishing powder, Water mist

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

Full water jet

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

Not known.

#### 5.3. Advice for firefighters

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**

Keep away from sources of ignition - No smoking. Ventilate affected area.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Safe handling: see section 7  
Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

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

#### Other information

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal. Disposal: see section 13

Clean with detergents. Avoid solvent cleaners.

### 6.4. Reference to other sections

Observe protective measures under sections 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or spray/mists. When using do not eat, drink, smoke, sniff. Personal protection equipment: see section 8

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

#### Advice on protection against fire and explosion

No special actions required. Follow normal chemical handling precautions.

#### Advice on general occupational hygiene

General hygiene measures. Do not eat, drink or smoke in work areas Wash hands after use Remove contaminated clothing and protective equipment before entering eating areas.

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

#### Requirements for storage rooms and vessels

Store in accordance with: Betriebssicherheitsverordnung (BetrSichV).

#### Hints on joint storage

Do not store together with: Oxidizing agent, Strong acid, Strong alkali

#### Further information on storage conditions

Follow the instructions for use on the label.

storage temperature of 15°C - 30°C.

Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in a place accessible by authorized persons only. Always close containers tightly after the removal of product.

### 7.3. Specific end use(s)

All-purpose cleaner with grease-dissolving power

## 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

#### Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

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If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear eye protection/face protection.

**Hand protection**

Wear protective gloves. Replace when worn. 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. Observe the wear time limits as specified by the manufacturer.

**Skin protection**

Overall (Natural fibres (e.g. cotton))

**Respiratory protection**

Respiratory protection necessary at: exceeding exposure limit values.  
Use suitable breathing apparatus.

**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:	yellow-orange		
Odour:	fruity, like orange		
Flash point:			<b>Test method</b> DIN 53213
pH-Value (at 20 °C):	8,5 - 10,0		
Partition coefficient n-octanol/water:			OECD 123
Density (at 20 °C):	1,02 - 1,09 g/cm <sup>3</sup>		DIN 53217

**9.2. Other information****Other safety characteristics**

Solvent separation test: <3 % (Land transport (ADR/RID))  
Viscosity / dynamic:  
(at 20 °C) 1300 - 3750 mPa·s

**Further Information**

Further physical-chemical data were not determined.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No reactions when handled properly.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No reactions when handled properly.

**10.4. Conditions to avoid**

Not known.

**10.5. Incompatible materials**

Not known.

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#### 10.6. Hazardous decomposition products

When used and stored as intended, no hazardous decomposition products are formed.

### 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
85586-07-8	Sodium Lauryl Sulfate				
	oral	ATE 500 mg/kg			
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

Serious eye damage/eye irritation: Causes serious eye damage.

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

##### Sensitising effects

May cause an allergic skin reaction. (Orange oil BIO S0402989)

Contains Limonene. May produce an allergic reaction.

##### 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.

##### 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

##### Endocrine disrupting properties

The product does not contain any substance that has endocrine properties in humans.

##### Further information

There are no data available on the mixture itself.

Classification according to Regulation (EC) No 1272/2008 [CLP]

Reference to other sections: 2, 3

### SECTION 12: Ecological information

#### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
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 surfactants contained in this preparation meet the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 for detergents.

### 12.3. Bioaccumulative potential

No bioaccumulation potential.

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	-0,31

### 12.4. Mobility in soil

No relevant data available.

### 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.

### Further information

There are no data available on the mixture itself.  
Classification according to Regulation (EC) No 1272/2008 [CLP]  
Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Do not allow to enter into surface water or drains.  
Recycle according to official regulations.

#### Contaminated packaging

Completely emptied packages can be recycled.  
Recycle according to official regulations.

## 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.
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**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

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

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 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 2004/42/EC on VOC in paints and varnishes: 2,25 % (22,95 g/l)

##### National regulatory information

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

##### Additional information

Observe in addition any national regulations!

### SECTION 16: Other information

#### Abbreviations and acronyms

Flam. Liq: Flammable liquids  
 Acute Tox: Acute toxicity  
 Asp. Tox: Aspiration hazard  
 Skin Irrit: Skin irritation  
 Eye Dam: Eye damage  
 Eye Irrit: Eye irritation  
 Skin Sens: Skin sensitisation  
 Aquatic Acute: Acute aquatic hazard  
 Aquatic Chronic: Chronic aquatic hazard

#### Key literature references and sources for data

Regulations: Preparations Directive (1999/45/EG), last amended by Regulation (EG) No. 1907/2006  
 Substances Directive (67/548/EEC), last amended by Directive 2009/2/EC REACH Regulation (EC) No.  
 1907/2006, last amended by Regulation (EU) No. 253/2011 CLP regulation 1272/2008 Internet  
<http://www.baua.de> <http://www.arbeitssicherheit.de> <http://gestis.itrust.de>

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

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method



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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Limonene. May produce an allergic reaction.

**Further Information**

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.

Instruction/training of employees required for handling hazardous substances.

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