



# Safety Data Sheet

according to UK REACH Regulation

## Sauna-Duftkonzentrat Grüner Apfel Art.-Nr. 65412, 64012, 65212, 65312

Revision date: 15.12.2022

Product code: F1000316

Page 2 of 9

### Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing smoke.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P312	Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use CO <sub>2</sub> to extinguish.
P233	Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

### Special labelling of certain mixtures

EUH208 Contains propan-2-ol; isopropyl alcohol; isopropanol. May produce an allergic reaction.

### Labelling of packages where the contents do not exceed 125 ml

Signal word: Warning

### Pictograms:



### Hazard statements

H319

### Precautionary statements

P305+P351+P338

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			40 - < 45 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
88-41-5	2-tertiär-Butylcyclohexylacetat			< 0.1 %
	201-828-7			
	Aquatic Chronic 2; H411			
142-19-8	2-Propenylheptanoat			< 0.1 %
	205-527-1			
	Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1; H311 H302 H315 H319 H400 H410			

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

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## Sauna-Duftkonzentrat Grüner Apfel Art.-Nr. 65412, 64012, 65212, 65312

Revision date: 15.12.2022

Product code: F1000316

Page 3 of 9

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

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	40 - < 45 %
		inhalation: LC50 = 30-46,5 mg/l (vapours); dermal: LD50 = 12800-13400 mg/kg; oral: LD50 = 4570-5045 mg/kg	
142-19-8	205-527-1	2-Propenylheptanoat	< 0.1 %
		dermal: ATE = 300 mg/kg; oral: ATE = 500 mg/kg	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

If victim is at risk of losing consciousness, position and transport on their side.

#### After inhalation

Provide fresh air. Seek medical attention if problems persist.

#### After contact with skin

After contact with skin, wash immediately with: Water and soap.

#### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

#### After ingestion

Seek medical attention if problems persist.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. Foam.

#### Unsuitable extinguishing media

High power water jet.

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

In case of fire and/or explosion do not breathe fumes.

### 5.3. Advice for firefighters

No special measures are necessary.

## SECTION 6: Accidental release measures

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

#### General advice

Remove all sources of ignition.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up

Do not rinse down with water.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

# Safety Data Sheet

according to UK REACH Regulation

## Sauna-Duftkonzentrat Grüner Apfel Art.-Nr. 65412, 64012, 65212, 65312

Revision date: 15.12.2022

Product code: F1000316

Page 4 of 9

### Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking.

### Advice on protection against fire and explosion

Take precautionary measures against static discharges.

### Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs. Take off immediately all contaminated clothing.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place.

#### Further information on storage conditions

Protect against: heat.

### 7.3. Specific end use(s)

No data available

## 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
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

### 8.2. Exposure controls

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

##### Eye/face protection

Tightly sealed safety glasses.

##### Hand protection

Before using check leak tightness / impermeability. 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.

##### Respiratory protection

Respiratory protection necessary at: insufficient ventilation. Work in well-ventilated zones or use proper respiratory protection.

## SECTION 9: Physical and chemical properties

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

Physical state:	liquid:	
Colour:	colourless	
Odour:	characteristic	
Melting point/freezing point:		No data available
Boiling point or initial boiling point and boiling range:		not determined
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		24 °C
Auto-ignition temperature:		not determined
pH-Value (at 20 °C):		5-6

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according to UK REACH Regulation

**Sauna-Duftkonzentrat Grüner Apfel Art.-Nr. 65412, 64012, 65212, 65312**

Revision date: 15.12.2022

Product code: F1000316

Page 5 of 9

Water solubility:	Immiscible
Vapour pressure:	not determined
Vapour pressure:	not determined
Density:	0,900 g/cm <sup>3</sup>
Relative density:	not determined

**9.2. Other information****Information with regard to physical hazard classes**

Explosive properties

not Explosive.

Sustaining combustion:

No data available

**Other safety characteristics**

Sublimation point:

not determined

Flow time:

not determined

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

No further relevant information available.

**10.2. Chemical stability**

No known hazardous decomposition products.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

No further relevant information available.

**10.5. Incompatible materials**

No further relevant information available.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**Further information**

No risks worthy of mention.

**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.

## Safety Data Sheet

according to UK REACH Regulation

### Sauna-Duftkonzentrat Grüner Apfel Art.-Nr. 65412, 64012, 65212, 65312

Revision date: 15.12.2022

Product code: F1000316

Page 6 of 9

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 4570-5045 mg/kg	Rat.		
	dermal	LD50 12800-13400 mg/kg	Rabbit		
	inhalation vapour	LC50 30-46,5 mg/l	Rat.		
142-19-8	2-Propenylheptanoat				
	oral	ATE 500 mg/kg			
	dermal	ATE 300 mg/kg			

#### Irritation and corrosivity

Causes serious eye irritation.

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

#### Sensitising effects

Contains propan-2-ol; isopropyl alcohol; isopropanol. May produce an allergic reaction.

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

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

#### STOT-single exposure

May cause drowsiness or dizziness. (propan-2-ol; isopropyl alcohol; isopropanol)

#### 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.

#### Additional information on tests

The evaluation was carried out according to the calculation method of the Preparations Directive.  
irritant.

- Mutagen  
none
- Carcinogenicity  
none
- Teratogen  
none
- Phototoxicity  
none

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic organisms.

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

**Safety Data Sheet**

according to UK REACH Regulation

**Sauna-Duftkonzentrat Grüner Apfel Art.-Nr. 65412, 64012, 65212, 65312**

Revision date: 15.12.2022

Product code: F1000316

Page 7 of 9

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

**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**

- 1 slightly hazardous to water
- 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.

**Contaminated packaging**

Dispose of waste according to applicable legislation.  
Cleaning agent. Water (with cleaning agent).

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	UN 1993
<b>14.2. UN proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. ISOPROPANOL (ISOPROPYL ALCOHOL)
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Classification code:	F1
Special Provisions:	274 601
Limited quantity:	LQ7
Excepted quantity:	E1
Transport category:	3
Hazard No:	33
Tunnel restriction code:	D/E

**Other applicable information (land transport)**

Special provisions: 274 601 640H  
E1  
Transport category: 3  
Tunnel restriction code: D/E

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	UN 1993
<b>14.2. UN proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. ISOPROPANOL (ISOPROPYL ALCOHOL)
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Marine pollutant:	•
Special Provisions:	223, 274, 955
Limited quantity:	5 L
Excepted quantity:	E1
EmS:	F-E, S-E

**Other applicable information (marine transport)**

Special provisions: 223, 330, 274, 944, 955

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according to UK REACH Regulation

## Sauna-Duftkonzentrat Grüner Apfel Art.-Nr. 65412, 64012, 65212, 65312

Revision date: 15.12.2022

Product code: F1000316

Page 8 of 9

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

<b>14.1. UN number or ID number:</b>	UN 1993	
<b>14.2. UN proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. ISOPROPANOL (ISOPROPYL ALCOHOL))	
<b>14.3. Transport hazard class(es):</b>	3	
<b>14.4. Packing group:</b>	III	
Hazard label:	3	
Special Provisions:	A3	
Limited quantity Passenger:	10 L	
Passenger LQ:	Y344	
Excepted quantity:	E1	
IATA-packing instructions - Passenger:		309
IATA-max. quantity - Passenger:		60 L
IATA-packing instructions - Cargo:		310
IATA-max. quantity - Cargo:		220 L

### Other applicable information (air transport)

E1  
Y309  
220 L

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

Flammable liquids

### 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

2004/42/EC (VOC): 396 g/l

#### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

#### Additional information

Customs tariff number 33029010

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 1.

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

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H336	Calculation method

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

H225 Highly flammable liquid and vapour.



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**Sauna-Duftkonzentrat Grüner Apfel Art.-Nr. 65412, 64012, 65212, 65312**

Revision date: 15.12.2022

Product code: F1000316

Page 9 of 9

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains propan-2-ol; isopropyl alcohol; isopropanol. 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.

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