

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## ORANGE FRESH

Print date: 04.03.2022

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

#### 1.1. Product identifier

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UFI:

VVKV-8M78-4P72-SEXS

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

Use of the substance/mixture

Alkoholglanzreiniger

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

Company name: ARCORA International GmbH

Street: Marsstraße 9

Place: D-85609 Aschheim

Telephone: +49 (0)89 / 14 33 29 3-0

Telefax: +49 (0)89 / 14 33 29 3-29

e-mail: info@arcora.de

#### 1.4. Emergency telephone number:

Giftnotruf der Charité - Universitätsmedizin Berlin -24H- Tel.: 030 30686700

### SECTION 2: Hazards identification

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

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

Regulation (EC) No. 1272/2008

Precautionary statements

P102 Keep out of reach of children.

P302+P352 IF ON SKIN: Wash with plenty of Wasser.

P501 Dispose of contents/container to gemäß behördlichen Anforderungen der Entsorgung.

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
67-63-0	2-Propanol; Isopropylalkohol; Isopropanol			1 - < 5 %
	200-661-7		01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
55965-84-9	Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on [EG nr. 220-239-6] (3:1)			< 0.1 %
	-			
	Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071			

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	
67-63-0	200-661-7	2-Propanol; Isopropylalkohol; Isopropanol	1 - < 5 %
		inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = > 5000 mg/kg; oral: LD50 = 4570 mg/kg	
55965-84-9	-	Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on [EG nr. 220-239-6] (3:1)	< 0.1 %
		inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = 141 mg/kg; oral: LD50 = 64 - 66 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100	

### Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, < 5 % cationic surfactants.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air.

#### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink 1 glass of water.

### 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

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### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable.

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

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

### **Additional information**

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.

### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

#### **Other information**

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.

### **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**

No special measures are necessary.

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

No special fire protection measures are necessary.

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

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

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

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

Keep container tightly closed.

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

No special measures are necessary.

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

Alkoholglanzreiniger

## SECTION 8: Exposure controls/personal protection

### **8.1. Control parameters**

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### DNEL/DMEL values

CAS No	Name of agent			
DNEL type		Exposure route	Effect	Value
67-63-0	2-Propanol; Isopropylalkohol; Isopropanol			
Consumer DNEL, acute		oral	systemic	26 mg/kg bw/day
Worker DNEL,		dermal	systemic	888 mg/kg bw/day
Consumer DNEL,		dermal	systemic	319 mg/kg bw/day
Worker DNEL,		inhalation	systemic	500 mg/m³
Consumer DNEL,		inhalation	systemic	89 mg/m³

### PNEC values

CAS No	Name of agent		
Environmental compartment	Value		
67-63-0	2-Propanol; Isopropylalkohol; Isopropanol		
Freshwater	140,9 mg/l		
Marine water	140,9 mg/l		
Freshwater sediment	552 mg/kg		
Marine sediment	552 mg/kg		
Micro-organisms in sewage treatment plants (STP)	2251 mg/l		
Soil	28 mg/kg		

### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls

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

##### Eye/face protection

Wear eye/face 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

Use of protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

Physical state: Liquid  
Colour: orange  
Odour: orange

#### Changes in the physical state

Melting point/freezing point: not determined

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Boiling point or initial boiling point and boiling range:

not determined

Flash point:

<100 °C

### Flammability

Solid/liquid:

not applicable

Gas:

not applicable

### Explosive properties

The product is not: Explosive.

Lower explosion limits:

not determined

Upper explosion limits:

not determined

### Self-ignition temperature

Solid:

not applicable

Gas:

not applicable

Decomposition temperature:

not determined

### Oxidizing properties

Not oxidising.

pH-Value (at 20 °C):

7

Viscosity / dynamic:  
(at 20 °C)

1 mPa·s

Viscosity / kinematic:  
(at 20 °C)

1 mm²/s

Water solubility:

easily soluble

### Solubility in other solvents

not determined

Partition coefficient n-octanol/water:

not determined

Vapour pressure:

not determined

Density:

0,9 g/cm³

Relative vapour density:

not determined

## 9.2. Other information

### Other safety characteristics

Solid content:

not determined

Evaporation rate:

not determined

### Further Information

## 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

No known hazardous reactions.

### 10.4. Conditions to avoid

none

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### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
67-63-0	2-Propanol; Isopropylalkohol; Isopropanol				
	oral	LD50 4570 mg/kg	Ratte		
	dermal	LD50 > 5000 mg/kg	Kaninchen		
	inhalation (4 h) vapour	LC50 30 mg/l	Ratte		
55965-84-9	Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on [EG nr. 220-239-6] (3:1)				
	oral	LD50 64 - 66 mg/kg	Ratte		
	dermal	LD50 141 mg/kg	Ratte		
	inhalation vapour	ATE 0,5 mg/l			
	inhalation aerosol	ATE 0,05 mg/l			

#### Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
67-63-0	2-Propanol; Isopropylalkohol; Isopropanol					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	(Leuciscus idus)		
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	(Daphnia magna)		
55965-84-9	Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on [EG nr. 220-239-6] (3:1)					
	Acute fish toxicity	LC50 0,19 mg/l	96 h	Oncorhynchus mykiss		
	Acute algae toxicity	ErC50 0,0049 mg/l	96 h	Skeletonema costatum:		
	Acute crustacea toxicity	EC50 0,19 mg/l	48 h	Daphnia magna		

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### **12.2. Persistence and degradability**

The product has not been tested.

### **12.3. Bioaccumulative potential**

The product has not been tested.

### **12.4. Mobility in soil**

The product has not been tested.

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

The product has not been tested.

### **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.

#### **Contaminated packaging**

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

## SECTION 14: Transport information

### **Land transport (ADR/RID)**

- 14.1. UN number or ID number:**
- 14.2. UN proper shipping name:**
- 14.3. Transport hazard class(es):**
- 14.4. Packing group:**

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

### **Inland waterways transport (ADN)**

- 14.1. UN number or ID number:**
- 14.2. UN proper shipping name:**
- 14.3. Transport hazard class(es):**
- 14.4. Packing group:**

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

### **Marine transport (IMDG)**

- 14.1. UN number or ID number:**
- 14.2. UN proper shipping name:**
- 14.3. Transport hazard class(es):**
- 14.4. Packing group:**

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

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

- 14.1. UN number or ID number:**
- 14.2. UN proper shipping name:**
- 14.3. Transport hazard class(es):**
- 14.4. Packing group:**

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS:

No

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### **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**

2010/75/EU (VOC):	4,9 % (44,1 g/l)
2004/42/EC (VOC):	4,9 % (44,1 g/l)
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)

#### **National regulatory information**

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

### **Abbreviations and acronyms**

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%  
CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
RID: Regulations concerning the international carriage of dangerous goods by rail



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ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation  
intérieures)

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

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

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

### 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.

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