

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## O Tens

G500

Revision date: 28.04.2023

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

#### 1.1. Product identifier

O Tens

UFI: JR40-00SE-J00G-7H4X

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

##### Use of the substance/mixture

EuPCS: PC-CLN-2 All-purpose (or multi-purpose) non-abrasive cleaners

Process categories [PROC]: 8, 10

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

Company name:	BUZIL-WERK Wagner GmbH & Co. KG	
Street:	Fraunhofer Str. 17	
Place:	D-87700 Memmingen	
Telephone:	+49 (0) 8331 930-6	Telefax: +49 (0) 8331 930-880
e-mail:	info@buzil.de	
Contact person:	info@buzil.de	
Internet:	www.buzil.com	

1.4. Emergency telephone number: +49 (0) 8331 930-6 (08:00 - 16:00 h)

### SECTION 2: Hazards identification

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

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

#### 2.2. Label elements

##### Regulation (EC) No 1272/2008

##### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

##### Special labelling of certain mixtures

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, 2-Octyl-2H-isothiazol-3-one. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.

#### 2.3. Other hazards

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

### 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	
	Classification (Regulation (EC) No 1272/2008)			
64-17-5	Ethanol			1 - < 5 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			
2634-33-5	1,2-benzisothiazol-3(2H)-one			< 0.1 %
	220-120-9	613-088-00-6		
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400			
26530-20-1	2-Octyl-2H-isothiazol-3-one			< 0.1 %
	247-761-7	613-112-00-5		
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 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		
64-17-5	200-578-6	Ethanol	1 - < 5 %
	inhalation: LC50 = >20 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg Eye Irrit. 2; H319: >= 50 - 100		
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one	< 0.1 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 500 mg/kg Skin Sens. 1; H317: >= 0,05 - 100		
26530-20-1	247-761-7	2-Octyl-2H-isothiazol-3-one	< 0.1 %
	inhalation: ATE 0,27 mg/l (dusts or mists); dermal: ATE 311 mg/kg; oral: ATE 125 mg/kg Skin Sens. 1A; H317: >= 0,0015 - 100 Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=100		

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

preservation agents (Benzisothiazolinone, Octylisothiazolinone).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated, saturated clothing immediately.

#### After inhalation

Provide fresh air.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

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

Rinse mouth immediately and drink plenty of water.

Do NOT induce vomiting.

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

No information available.

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### **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**

Water spray jet  
alcohol resistant foam  
Carbon dioxide  
Extinguishing powder

#### **Unsuitable extinguishing media**

Full water jet

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

Hazardous combustion products:  
Carbon dioxide  
Carbon monoxide

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

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

#### **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.  
Avoid contact with skin, eyes and clothes.

#### **For non-emergency personnel**

Ventilate affected area.

#### **For emergency responders**

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.  
Do not allow to enter into soil/subsoil.

### **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**

Treat the recovered material as prescribed in the section on waste disposal.

#### **Other information**

Collect in closed and suitable containers for disposal.  
Ventilate affected area.

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

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**

Avoid contact with skin, eyes and clothes.

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Do not mix with other chemicals.  
Use personal protection equipment.  
When using do not eat, drink or smoke.

### 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 or smoke.

### Further information on handling

No further relevant information available.

## 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.

### Further information on storage conditions

No further relevant information available.

## 7.3. Specific end use(s)

Cleaning agent

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

No information available.

### 8.2. Exposure controls



#### Appropriate engineering controls

No information available.

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

##### Eye/face protection

Wear eye/face protection. (EN 166)

##### Hand protection

Wear suitable gloves. (EN 374, Breakthrough time: >10 min.)

Suitable material: NBR (Nitrile rubber).

Thickness of the glove material  $\geq 0,1$  mm

A survey of suitable brands with detailed information on breakthrough times is available upon request.

Diluted ready-to-use solutions  $\leq 1\%$ :

Protective gloves may be waived, if equivalent measures allowing for an increased skin stress because of wet work are implemented (e. g. application of suitable skin protecting creams).

##### Skin protection

Wear suitable work clothing.

##### Respiratory protection

Usually no personal respiratory protection necessary.

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## Thermal hazards

No further relevant information available.

## Environmental exposure controls

Section 6: Accidental Release Measures

## SECTION 9: Physical and chemical properties

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

Physical state:	Liquid	
Colour:	colourless	
Odour:	characteristic	
		<b>Test method</b>
Melting point/freezing point:		approx. 0 °C
Boiling point or initial boiling point and boiling range:		approx. 100 °C
Flammability:		not applicable
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		> 60 °C
Auto-ignition temperature:		not determined
Decomposition temperature:		not applicable
pH-Value (at 20 °C):		9,5 - 10,0
Viscosity / kinematic: (at 40 °C)		not determined
Water solubility: (at 20 °C)		completely miscible
Solubility in other solvents not determined		
Partition coefficient n-octanol/water:		not applicable
Vapour pressure:		not determined
Density (at 20 °C):		1,06 g/cm <sup>3</sup>
Relative density:		not determined
Relative vapour density:		not determined
Particle characteristics:		not relevant

### 9.2. Other information

#### Other safety characteristics

Viscosity / dynamic:  
(at 25 °C) < 10 mPa·s (50 1/s)

No information available.

## 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 hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

The product is stable under storage at normal ambient temperatures.

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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

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-17-5	Ethanol				
	oral	LD50 >2000 mg/kg	Rat	ATE	
	dermal	LD50 >2000 mg/kg	Rat	ATE	
	inhalation (4 h) vapour	LC50 >20 mg/l	Rat	ATE	
2634-33-5	1,2-benzisothiazol-3(2H)-one				
	oral	LD50 500 mg/kg	Rat	ATE	
	dermal	LD50 > 2000 mg/kg	Rat	ATE	
26530-20-1	2-Octyl-2H-isothiazol-3-one				
	oral	ATE 125 mg/kg			
	dermal	ATE 311 mg/kg			
	inhalation dust/mist	ATE 0,27 mg/l			

#### Irritation and corrosivity

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

#### Sensitising effects

Contains 1,2-benzisothiazol-3(2H)-one, 2-Octyl-2H-isothiazol-3-one. May produce an allergic reaction.

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

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

#### Other information

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64-17-5	Ethanol					
	Acute fish toxicity	LC50 >1000 mg/l	96 h			
	Acute algae toxicity	ErC50 >100 mg/l				
	Acute crustacea toxicity	EC50 >1000 mg/l	48 h	Daphnia magna	IUCLID	

### 12.2. Persistence and degradability

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
64-17-5	Ethanol				
	OECD 301	>60%	28		
	Readily biodegradable (according to OECD criteria).				
2634-33-5	1,2-benzisothiazol-3(2H)-one				
	OECD 301	< 60%	28		
	Not readily biodegradable (according to OECD criteria)				

### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	Ethanol	-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 REACH, annex XIII.

### 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.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

#### List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

#### List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

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### Contaminated packaging

Non-contaminated packages may be recycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number or ID number:** No dangerous good in sense of these transport regulations.

### Inland waterways transport (ADN)

**14.1. UN number or ID number:** No dangerous good in sense of these transport regulations.

### Marine transport (IMDG)

**14.1. UN number or ID number:** No dangerous good in sense of these transport regulations.  
Marine pollutant: no

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

**14.1. UN number or ID number:** No dangerous good in sense of these transport regulations.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

No special measures are necessary.

### 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 40, Entry 75

2010/75/EU (VOC): 1,7 %

#### Additional information

Regulation (EC) No. 648/2004 [Detergents regulation]

#### National regulatory information

Water hazard class (D): 1 - slightly 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): 2,7,9,15.

### 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%



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Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:

PROC 1: Use in closed processes.

PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC 4: Chemical production where opportunity for exposure arises

PROC 7: Industrial spraying

PROC 8 (Transfer): Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.

PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

PROC 10 (Roller application or brushing): Processing without large-scale spraying.

PROC 11 (Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).

PROC 13: Treatment of articles by dipping and pouring

PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection

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

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one, 2-Octyl-2H-isothiazol-3-one. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

### Further Information

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]: 9 (1)

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