

## Safety Data Sheet

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

**1.1 Product identifier** **ALKOHOL 99,8 %**

**UFI code** S7ME-8R0V-QYAG-7X6D

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
 Product is used as cleaning agent in dental laboratory.

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

Manufacturer/Supplier:

INTERDENT d.o.o.

*Production:*

INTERDENT d.o.o.

Street:

Opekarniška cesta 26

Dol 1

Country code /Postal code/City:

SI-3000 Celje

SI-3342 Gornji Grad

Telephone:

+386(0) 425-62-00

Fax:

+368(0) 490-62-02

**1.4 Emergency telephone number**

Emergency phone:

112 (EU)

+386(0) 425-62-00 (Mon. – Fri.: 8.00 – 16.00)

### **SECTION 2: Hazards Identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008.

Flammable liquids	Hazard Category 2	H225 Highly flammable liquid and vapor.
Specific target organ toxicity – Single exposure	Hazard Category 3, Narcosis	H336 May cause drowsiness and dizziness.
Serious eye damage/eye irritation	Hazard Category 2	H319: Causes serious eye irritation.

**2.2 Label elements**

Labelling according to Regulation (EC) No. 1272/2008:

**Hazard pictograms:**



**Signal word: DANGER**

## Safety Data Sheet

**Hazard statements:**

H225: Highly flammable liquid and vapor.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness and dizziness.

**Precautionary statement:**
*Prevention*

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
 P233 Keep container tightly closed.  
 P280 Wear protective gloves/protective clothing/eye protection/ face protection.  
 P264 Wash hands thoroughly after handling  
 P261 Avoid breathing vapours/ spray.  
 P271 Use only outdoors or in a well-ventilated area.

*Response*

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 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.

*Disposal*

P501 Dispose of contents/container to in accordance with local/regional/national/international regulation (to be specified).

**Hazardous components on the label**

Propan-2-ol

**2.3 Other hazards**

PBT and vPvB evaluations are in chapter 12.5.

**SECTION 3: Composition / information on ingredients**

Chemical name	Index number EC number CAS number	%	Classification according EC 1272/2008	
			Hazardous class/hazardous category	Hazardous phrases
Propan-2-ol	603-003-00-0	> 95	Flam.Liq.2	H225
	200-661-7		Eye Irrit. 2	H319
	67-63-0		STOT SE3	H336

## Safety Data Sheet

### **SECTION 4: First Aid Measures**

#### **4.1 Description of first aid measures**

*Inhalation:*

Remove victim to the fresh air, keep him warm. If not breathing: artificial respiration. In the case of unconsciousness keep victim in position of unconscious. Ask for medical help when difficulties appear.

*Skin contact:*

Remove contaminated clothing. Wash off with soapy water.

*Eye contact:*

Wash off open eye with plenty of water. Ask for medical help when difficulties appear.

*Ingestion:*

Do not induce vomiting. First wash mouth with water and then drink 100 mL of water. Ask for medical help.

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

Symptoms: Symptoms of excessive exposure can be headache, dizziness, fatigue, nausea and vomiting. Irritating to eyes. Can cause redness, watering and weakening of vision. Refer to Section 11 – Toxicological information for detailed information.

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

Symptomatic treatment.

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

*Suitable:*

CO<sub>2</sub>, foam, dispersed jet of water. Large fire extinguishers with dispersed jet of water or foam resistant to alcohol.

*Unsuitable:*

Direct water

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

Easy flammable. Explosive mixture with air can be formed when product is heated or in the case of fire. Vapor is heavier than air and can be spread over the floor. Dangerous products of thermal decomposition are formed like carbon monoxide, carbon dioxide.

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

## Safety Data Sheet

Use breathing apparatuses. Threatened containers cool down with dispersed jet of water. Warming up can raise the pressure – risk of outbreak. Collect contaminated water used for firefighting separately. Do not release it in sewage system.

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

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

Insure against source of fire and heat. Wear protective equipment. Avoid skin contact and eye contact. Do not breathe mist.

#### **6.2 Environmental precautions**

Do not allow enter sewage system or waters. Prevent soil penetrating.

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

Absorb with sand, earth, diatomic earth, blotting paper, sawdust. Dispose in accordance with law about waste material.

#### **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**

Ventilation required. It can be used only in good ventilated places. Keep away from the source of ignition, prevent from static discharges, use apparatuses protect against explosion and tool which does not spark. Do not disperse in fire or to red-hot object. Do not eat, drink or smoke during use of product. Wash hands before and after use. Remove contaminated clothing.

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

Keep in closed vessel away from food and water. Store it on room temperature away from direct sunlight and source of ignition. Do not smoke. Vapors are heavier than air and can be spread over the floor. Vapors can form explosive mixture with air. Prevent static electric discharge.

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

Product is intended to be used in dental laboratories as cleaning agent.

### ***SECTION 8: Exposure controls/personal protection***

#### **8.1 Control parameters**

## Safety Data Sheet

<b>Ingredients with limit values that have to be considered and measured in the working place</b>		
EU – Commission Directive 98/24/EC with all amendments and modifications, Regulation on the protection of workers from risks related to exposure to chemical substances at work (Official Gazette of the Republic of Slovenia, No. 72/2021, 29/2024, 26/2025), Regulation on the protection of workers from risks related to exposure to carcinogenic, mutagenic or reprotoxic substances at work (Official Gazette of the Republic of Slovenia, No. 29/2024, 26/2025):		
<b>Propan-2-ol</b>		
<b>MV</b>	Current exposure: 1000 mg/m <sup>3</sup> , 400 ppm Long-term exposure: 500 mg/m <sup>3</sup> , 200 ppm Y, BAT	
<b>Oral</b>	<b>DNEL</b>	26 mg/kg (users-long-term exposure-systemic effect)
<b>Dermal</b>		888 mg/kg (workers-long-term exposure-systemic effect)
<b>Inhalable</b>		319 mg/kg (users-long-term exposure-systemic effect)  500 mg/m <sup>3</sup> (workers-long-term exposure-systemic effect) 89 mg/m <sup>3</sup> (users-long-term exposure-systemic effect)
<b>Ingredients with biological limit values</b>		
<b>Propan-2-ol</b>		
<b>BAT</b>	25 mg/l Biological sample: blood Time of sampling: at the end of working shift Characteristic indicator: acetone	
	25 mg/l Biological sample: blood Time of sampling: at the end of working shift Characteristic indicator: acetone	
Propan-2-ol is a substance for which there is no risk to the embryo/fetus when occupational exposure limits (OELs) and BAT (biological assessment values) are observed.		
<b>For Propan-2-ol</b>		
<b>Foreseen concentration without effect (PNEC):</b>		
Fresh water: 140,9 mg/l		
Sea water: 140,9 mg/l		
Release intervals: 140,9 mg/l		
Waste water treatment plant: 2251 mg/l		
The sediment associated with the weight of the dry material: 552 mg/kg		
Floor associated with the weight of the dry matter: 28 mg/kg		

## Safety Data Sheet

Secondary poisoning associated with food: 160 mg/kg

### 8.2 Exposure controls

#### Personal protection

*General safety and hygiene measures:* Do not store near food, beverages, or animal feed. Remove contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with eyes. Avoid contact with eyes and skin. Personal protective equipment must comply with Regulation (EU) 2016/425 and the List of Harmonized Standards for PPE – 2018/C 209/03.

*Respiratory protection:* For the use of the 100 mL packaging in a dental laboratory, no special respiratory protection is required. The duration of use is shorter than the measurement thresholds for short-term exposure. Ventilation during or after use is recommended.

*Hand protection:* Wear protective gloves in accordance with EN ISO 374-1. Suitable materials: nitrile gloves, Type B. Not suitable: gloves made of natural rubber (latex).

*Eye protection:* Tightly fitting protective goggles, polycarbonate, in accordance with EN 166. When wearing prescription glasses, additional protective goggles are not required for the use of this product.

*Skin and body protection:* Protective footwear/boots: closed shoes. Protective clothing: work clothing.

### 8.3 Environmental exposure controls

General instructions: Do not discharge into surface water or sewage system. Prevent penetration into soil.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Colour</b>	colorless
<b>Odour</b>	Alcoholic like
<b>pH</b>	8.1
<b>Density</b>	0,94 g/mL (20 °C)
<b>Data are for propan-2-ol</b>	
<b>pH</b>	neutral
<b>Boiling point</b>	82°C
<b>Flashpoint</b>	12°C
<b>Autoignition</b>	No data available
<b>Upper explosion limit</b>	12 % (vol)

## Safety Data Sheet

<b>Lower explosion limit</b>	2 % (vol)
<b>Oxidative characteristics</b>	n.a.
<b>Vapour pressure</b>	48 hPa (20°C)
<b>Density</b>	0,785 g/cm <sup>3</sup>
<b>Solubility in water</b>	miscible in all ratios
<b>Partition coefficient: n-octanol/water</b>	log Kow 0,05 (OECD Test guideline 107) literature value
<b>Viscosity</b>	2,43 mPa·s (20°C)
<b>Vapour density</b>	n.a.
<b>Evaporation rate</b>	n.a.

### 9.2 Other information

No additional information

### **SECTION 10: Stability and reactivity**

#### **10.1 Reactivity**

Not reactive under normal conditions and proper use.

#### **10.2 Chemical stability**

Stable under normal conditions.

#### **10.3 Possibility of hazardous reaction**

Exothermic reaction with strong acids. Incompatible with oxidants.

#### **10.4 Conditions to avoid**

Warm, heat, flames, spark. Temperature raise causes vapor formation in packaging and packaging can explode, product is spilled. Product is in form of spray and must not be sprayed in the flame.

#### **10.5 Incompatible materials**

Strong acids, oxidants

#### **10.6 Hazardous decomposition products**

In case of fire: CO<sub>2</sub> and CO

### **SECTION 11: Toxicological information**

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

All values for toxicity related to the pure substance. Prolonged skin contact may cause degreasing of the skin and may cause dermatitis. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. There is a risk that the product gets into the lungs in case of vomiting. Injuries may occur liver.

## Safety Data Sheet

**Acute toxicity:** On the basis of available data measurements for sorting are not fulfilled.

**Chemical name: Propan-2-ol**

Important LD/LC50 sorting values:		
<b>Oral</b>	<b>LD50</b>	>2000 mg/kg (rat)
<b>Dermal</b>		>2000 mg/kg (rabbit)
<b>Inhalative</b>		20 mg/kg (rat)

**Primary irritation:**

*Skin irritation:* Not irritant

*Eye irritation:* Irritant (OECD test guideline 405)

*Sensitization:* Does not cause skin irritation (OECD test guideline 406). No sensitizing effects known.

**CMR effects**

*Mutagenicity:* Ames test:

*Carcinogenicity:* Not considered to be carcinogenic.

*Teratogenicity:* No effects on lactation or beyond.

*Reproductive toxicity:* Not applicable for toxic for reproduction.

**STOT-single exposure:** May cause drowsiness and dizziness.

**STOT-repeated exposure:** Not classified

**Aspiration hazard:** No data available

**11.2 Other hazards**

No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

Water:

LC50/ 48 h >100 mg/l (fish)

EC50/ 72 h >100 mg/l (algae)

EC50/ 48 h >100 mg/l (daphnia)

**12.2 Persistence and degradability**

Duration of effect: no data available

Biodegradability: Easy biodegradable.

**12.3 Bio accumulative potential**

Bioaccumulation is not expected ( $\log Pow \leq 4$ ).

**12.4 Mobility in soil**

## Safety Data Sheet

Product is mobile in environment.

### 12.5 Results of PBT and vPvB assessment

The substance is not considered to be persistent, bio accumulative or toxic. The substance is not considered to be very persistent and very bio accumulative.

### 12.6 Endocrine disrupting properties

No data available.

### 12.7 Other adverse effect

All numerical values in respect of Eco toxicological effects relate to the pure substance. Avoid empty into drains, water courses or the soil.

## **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

*Methods of disposal:* Dispose in accordance with Statute about handling with waste.

*Waste disposal:* Store waste separately. Due to the risk of contamination, dispose of it as industrial waste or as hazardous waste.

*Contaminated packaging:* Store separately. Due to the risk of contamination, dispose of it as industrial waste or as hazardous waste.

*Empty packaging disposal:* Packaging that must be disposed should be completely empty. Packaging with the product dispose in accordance with Statue about waste handling.

*Waste category:* 16 03 05\* Organic waste that contain hazardous substances

## **SECTION 14: Transport Information**

	ADR/RID	IMDG	IATA
<b>14.1 UN number</b>	UN 1219		
<b>14.2 UN proper shipping name</b>	isopropanol (isopropylalcohol)		
<b>14.3 Transport hazard class(es)</b>			
Class	3		
Classification code	F1	/	/
Labels(s)	3		
Hazard identification	33	/	/

## Safety Data Sheet

Transport category (Tunnel restriction code)	(D/E)	/	/
EmS	/	F-E, S-D	/
<b>14.4 Packing group</b>	II		
<b>14.5 Environmental hazards</b>	No environmental hazard		
<b>14.6 Special precautions for user</b>	No special precautions		
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	No data available		
<b>Limited quantities (LQ)</b>	1 L	1 L	
<b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml	

### **SECTION 15: Regulatory information**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

The product is classified in accordance with the requirements of Regulation (EC) No 1272/2008 and 1907/2006, including their amendments, and the corresponding national legislation: the Implementing Regulation of the EU Regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Official Gazette of the Republic of Slovenia, No. 23/08 and 191/20, and the Implementing Regulation of EU Regulation 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, Official Gazette of the Republic of Slovenia, No. 56/10.

#### **15.2 Chemical safety assessment**

No data available from component's supplier.

## Safety Data Sheet

### **SECTION 16: Other information**

*Revision:*

Version 05 issued on July 2025 in accordance with EC 1907/2006 (Commission Regulation (EU) 2015/830) and EC 1272/2008.

Revision in accordance to changes in COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

*Legend of abbreviations:*

ADR – European agreement concerning the international carriage of dangerous goods by road

CAS – Chemical Abstracts Service

CLP – Classification, Labeling and Packaging

CMR – Carcinogenic, Mutagenic or toxic for Reproduction

DNEL - Derived no-effect level

EC<sub>50</sub>: Half maximal effective concentration

EmS – Emergency Schedule

GHS – Globally Harmonised System of Classification and Labeling of Chemicals

IATA – International Air Transport Association

IMDG – International Maritime Dangerous Goods Code

LC<sub>50</sub>: Lethal concentration, 50%

LD<sub>50</sub>: Median lethal dose; the dose causing 50% lethality

MARPOL – International convention for the prevention of pollution from ships

NOEC - No-observed-effect concentration

OEL - Occupational exposure limit

OECD - Organisation for Economic Co-operation and Development

PBT – Persistent Bioaccumulative Toxic

PNEC: Predicted no-effect concentration

Ppm – parts per million

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals

RID – Regulation concerning the international carriage of dangerous goods by rail

vPvB – very Persistent and very Bioaccumulative

*References:*

- Regulation (EC) No 1907/2006 (REACH), amended by 2015/830/EU
- Regulation (EC) No 1272/2008 (CLP, EU GHS)
- Commission Directive 2009/161/EU
- Safety data sheet from the raw material manufacturer
- Martindale: The Extra Pharmacopoeia, 13th edition
- Website: <https://chem.echa.europa.eu/>
- European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- Implementing Regulation of the EU Regulation on Personal Protective Equipment (Official Gazette of the RS, No. 33/18)

## Safety Data Sheet

- List of harmonized standards for personal protective equipment (C 412 / 11.12.2015, with all amendments and supplements)
- Occupational Safety and Health Act (Official Gazette of the RS, No. 43/2011)
- Waste Management Regulation (Official Gazette of the RS, Nos. 77/22 and 113/23)
- Packaging and Packaging Waste Regulation (Official Gazette of the RS, Nos. 54/21, 208/21, 44/22 – ZVO-2, and 120/22)
- European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) – Annexes A and B
- Dangerous Goods Regulations (DGR) for air transport (IATA)
- International Maritime Dangerous Goods Code (IMDG)
- Regulation on the protection of workers from risks due to exposure to chemical substances at work (Official Gazette of the RS, Nos. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18 and 78/19, 72/21, 29/24)

*Disclaimer of expressed and implied warranties:*

Safety data sheet gives information about previous knowledge about the product, actually about raw material in product. It is guideline for safe using, handling, disposing, storage and transport and cannot be used as guarantee.