Safety Data Sheet

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

1.1 Product identifier **INTERWAXIT**

UFI code SXDJ-E224-GC1A-9W98

1.2. Relevant identified uses of the substance or mixture and uses advised against
Product is used for reducing surface tension of wax, silicone in dental.

1.3 Details of the supplier of the safety data sheet

		Production:
Manufacturer/Supplier:	INTERDENT d.o.o.	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 (8.00-16.00)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008:

Hazard class	**Hazard category**	**Hazard statements**
Flammable liquids	Hazard Category 2	H225:Highly flammable liquid and vapour.
Serious eye damage/eye irritation	Hazard Category 2	H319:Causes serious eye irritation.
Specific target organ toxicity – Single exposure	Hazard Category 3, Narcosis	H336:May cause dowsiness and dizzines.

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

Hazard pictograms:

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Signal word: DANGER

Hazard statements:
H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
H336: May cause dowsiness and dizzines.

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 regulation.

Component on the label:
Propan-2-ol

2.3 Other hazards
PBT and vPvB evaluations are in chapter 12.5

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SECTION 3: Composition / information on ingredients

Chemical name	Index number EC number CAS number	%	Classification according to EC 1272/2008	
			Hazardous class/hazardous category	Hazardous phrases
Propan-2-ol	603-117-00-0 200-661-7 67-63-0	95-100	Flam.Liq.2 Eye Irrit. 2 STOT SE3	H225 H319 H336

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. If irritation persist, seek medical help.

E*ye 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 100mL 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.

Effects: See chapter 11 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_2, foam, dispersed jet of water. Large fire extinguish with dispersed jet of water or foam resistant on 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. Vapour 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
Special protective equipment for firefighting:
Use breathing apparatuses.

Other instructions
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, diatomeic earth, blotting paper, sawdust and keep in container marked with suitable label. 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

Avoid contact with skin and eyes. Do not spray into fire or onto hot surfaces. Ensure adequate ventilation at the workplace. Do not inhale vapors or spray mist. An eye wash station must be available in case of an accident.
Safe handling instruction: Do not eat, drink, or smoke when using this product.

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. Vapours are heavier than air and can be spread over the floor. Vapours 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 for reduction of surface tension of wax, silicone… All recommendation for safe use is intended for professional use of the product.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that have to be considered and measured in the working place
EU – Commission Directive 2009/161/EU, Regulation on the protection of workers from risks related to exposure to chemical agents at work (Official Gazette of the Republic of Slovenia, Nos. 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, Nos. 29/2024, 26/2025).

Propan-2-ol		
OEL	Current exposure: 1000 mg/m^3, 400 ppm Long-term exposure: 500 mg/m^3, 200 ppm Y, BAT	
Oral	**DNEL**	26 mg/kg (users-long-term exposure-systemic effect)
Dermal		888 mg/kg (workers-long-term exposure-systemic effect) 319 mg/kg (users-long-term exposure-systemic effect)
Inhalable		500 mg/m3 (workers-long-term exposure-systemic effect) 89 mg/m3 (users-long-term exposure-systemic effect)
Ingredients with biological limit values		
Propan-2-ol		
BAT	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 no risk to the embryo is expected when occupational exposure limits and BAT values are observed.

Foreseen concentration without effect (PNEC)
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
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.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Liquid
Colour	blue (colour of the product)
Odour	Alcoholic like
Data are for propan-2-ol	
pH	neutral
Boiling point	82°C
Flashpoint	12°C
Autoignition	No data available
Upper explosion limit	12% (vol)
Lower explosion limit	2% (vol)
Oxidative characteristics	n.a.
Vapour pressure	48hPa (20°C)
Density	0,785g/cm^3
Solubility in water	miscible in all ratios
Partition coefficient: n-octanol/water	log Kow 0,05 (OECD Test guideline 107) literature value
Viscosity	2,43 mPa·s (20°C)
Vapour density	n.a.
Evaporation rate	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 and proper use.

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 vapour 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_2 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.

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

Chemical name: Propan-2-ol

Important LD/LC50 sorting values:		
Oral	**LD50**	>2000 mg/kg (rat)
Dermal		>2000 mg/kg (rabbit)
Inhalative		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: Not classified as STOT – single exposure.
STOT-repeated exposure: Not classified as STOT – repeated exposure.
Aspiration hazard: Not classified as aspiration hazard.

11.2 Information on other hazards
No data available.

SECTION 12: Ecology information

12.1 Toxicity
Accute toxicity – fish: LC50: 9640mg/l (pimephales promelas; 96h)

Accute toxicity for daphnia magna and other water vertebrate: LC50: 9714 mg/l (daphnia magna; 24h)
Accute toxicity – algae: EC50: > 100mg/l (Scenedesmus subspicatus; 72h)
Accute toxicity – bacteria: > 100mg/l (bacteria, without harmfull effect)

12.2 Persistance and degradability
Duration of effect: no data available
Biodegradability: 53% (exposure time: 5d) Easy biodegradable.
Bioaccumulation: Bioaccumulation not expected.

12.3 Bioaccumulative potential
Bioaccumulation is not expected.

12.4 Mobility in soil
Product is mobile in environment.

12.5 Results of PBT and vPvB assessment
The substance is not considered to be persistent, bioaccumulative or toxic. The substance is not considered to be very persistent and very bioaccumulative.

12.6 Other adverse effects
All numerical values in respect of ecotoxicological 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.

Disposal of waste: Store waste separately. Due to the risk of contamination, dispose of it with industrial waste or as hazardous waste.

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

Waste category: 16 03 05* Organic waste that contain hazardous substances
Category of empty packaging: 15 01 02 Plastic packaging

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SECTION 14: Transport Information

	ADR/RID	**IMDG**	**IATA**
14.1 UN number	UN 1219		
14.2 UN proper shipping name	ADR: isopropanol (isopropyl alcohol) IMDG, IATA: Isopropanol (Isopropyl alcohol)		
14.3 Transport hazard class(es)			
Class	3		
Label	3		
Classification code	F1	/	/
Hazard identification	33	/	/
Transport category (Tunnel restriction code)	(D/E)	/	/
EmS	/	F-E, S-D	/
14.4 Packing group	II		
14.5 Environmental hazards	No environmental hazard		
14.6 Special precautions for user	No special precautions		
14.7 Maritime transport in bulk according to IMO instruments	No data available		
Limited Quantities	1 L	1 L	/
Excepted Quantities	Kod: E2 *Največja neto količina na notranjo embalažo: 30 ml* *Največja neto količina na zunanjo embalažo: 500 ml*	Kod: E2 *Največja neto količina na notranjo embalažo: 30 ml* *Največja neto količina na zunanjo embalažo: 500 ml*	/

SECTION 15: Regulatory information

15.1 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 assessment for isopropanol is made.

SECTION 16: Other information

Revision:
Version 09 issued on December 2022 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_{50}: 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_{50}: Lethal concentration, 50%
LD_{50}: 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:
References:
Safety data sheets of the substances for the product

Martindale: The Extra Pharmacopoeia, 13. edition
Directive EC 1907/2006 and 1272/2008 with all amendments
Council Directive 98/24/EC with all implementations and amendments
Official Gazette RS, No. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18, 78/19; 72/21
Directive 2008/98/EC with all amendments, Official Gazette RS 37/15, 69/15.
Official Gazette RS 36/99, 45/00, 104/00, 101/02, 9/03, 65/03;
European convention about international transport of hazardous material ADR

Disclaimer of expressed and implied warranties:
The information contained in the safety data sheet have been translated from the manufacturer, revised in accordance with the Slovenian legislation. Guidelines for the safe use, handling, disposal, storage and transportation and cannot be used as a guarantee. The information relates only to the specific product and is not suitable for combining with other materials or for use in another process as described in the instructions.