

Safety Data Sheet

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

1.1 Product identifier

INTERCERAMIC

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

Product is used for stone ceramic insulating agent.

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 (8.00 – 16.00)

SECTION 2: Hazards Identification

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

Product is not classified as hazardous according to Regulation (EC) No 1272/2008.

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

Product is not labeled according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

PBT and vPvB evaluations are in section 12.5

SECTION 3: Composition / information on ingredients

3.1 Substance

Chemical name	CAS Nr. EC-Number INDEX number	%	Classification according to EC 1272/2008
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White mineral oil	8042-47-5 / /	100	Hazardous class/hazardous category	Hazardous phrases
			Not classified	/

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Inhalation:

Provide fresh air.

Skin contact:

Remove contaminated clothing. Wash off with water.

Eye contact:

Wash off open eye with plenty of water for 15 minutes. Ask for medical help when difficulties appear.

Ingestion:

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

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and 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:

CO₂, foam, dispersed jet of water.

Unsuitable:

Full water jet

5.2 Special hazards arising from the substance or mixture

Non-flammable

5.3 Advice for firefighters

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Special protective equipment for firefighting:
Use breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

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 liquid-binding material (e.g. 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

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Material is combustible and can be ignited by heat, sparks, flames or other sources of ignition. Provide earthing of containers, equipment, pumps and ventilation facilities.

7.3. Specific end use(s)

Product is intended to be used in dental laboratories.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Inhalative, long-term, systemic: 160 mg Aerosol / m³ / 8h

Dermal, long-term, systemic: 220 mg / kg / 8h

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

No specific measures.

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8.2.2 Personal protective equipment

Personal protection equipment in accordance with Directive (EU) 2016/425 and List for harmonized standards for OVO-2018/C 209/03.

General protection and hygienic measures:

Provide good ventilation. Wear personal protective equipment. Do not eat, drink or smoke when working. Wash hands when stop working and during breaks.

Hand protection:

Recommendation of use protection in accordance with EN 374-1:2016.

Respiratory system:

No special precautions

Eye protection:

Recommendation safety goggles (EN 166:2001).

Skin and body protection:

Working clothes.

8.3 Control of environment protection

Common instructions: Do not wash rinse with fresh water or to drainage system.

SECTION 9: Physical and chemical properties	
9.1 Information on basic physical and chemical properties	
Physical state	liquid
Colour	colourless
Odour	odourless
Melting point / freezing point	NA
Boiling point or initial boiling point and boiling range	340-550 °C
Flammability	NA
Lower and upper explosion limit	NA
Flash point	> 240 °C
Auto-ignition temperature	solid / gas > 200 °C
Decomposition temperature	NA
pH	NA
Kinematic viscosity	68 mm ² /s (40 °C)
Solubility	insoluble
Partition coefficient n-octanol/water (log)	NA

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value)	
Vapour pressure	< 0,13 hPa (20°C)
Density and/or relative density	0,869 g/cm ³ (15 °C)
Relative vapour density	NA
Particle characteristics	NA

9.2 Other information

No additional information relevant to safe use of the mixture.

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

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5 Incompatible materials

strong oxidants

10.6 Hazardous decomposition products

Not known hazardous decomposition products.

SECTION 11: Toxicological information

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

Acute toxicity

No known symptoms to date.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
8042-47-5	White mineral oil (petroleum)				
	oral	LD50 > 5000 mg/kg	Rat	OECD 401	
	dermal	LD50 > 2000 mg/kg	Rabbit	OECD 402	
	inhalation (4 h) aerosol	LC50 > 5 mg/l	Rat	OECD 403	

Irritation and corrosivity

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No known symptoms to date.

Sensitising effects

Not sensitising.

Carcinogenic/mutagenic/toxic effects for reproduction

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

STOT-single exposure

No known symptoms to date.

STOT-repeated exposure

No known symptoms to date.

Aspiration hazard

No known symptoms to date.

Additional information on tests

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

11.2 Information on other hazards

No other information available.

SECTION 12: Ecology information

12.1 Toxicity

The product is not ecotoxic.

White mineral oil:

Acute fish toxicity LC50 > 100 mg/l (96 h) *Oncorhynchus mykiss* (OECD 203)

Acute algae toxicity ErC50 > 100 mg/l (72 h) *Pseudokirchneriella subcapitata* (OECD 201)

Acute crustacean toxicity EC50 > 100 mg/l (48 h) *Daphnia magna* (OECD 202)

12.2 Persistence and degradability

According to OECD criteria the product is not readily biodegradable but inherently biodegradable.

White mineral oil:

OECD 301F/ISO9408/EEC 92/69/V, C.4-D 31 % 28 IUCLID

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Not readily biodegradable (according to OECD criteria)

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

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

SECTION 14: Transport Information

	Land- Road/Railway (ADR/RID):	Inland waterways (ADNR):	Sea (IMDG):	Air (IATA):
14.1 UN number	No data available			
14.2 UN proper shipping name	No data available			
14.3 Transport hazard class(es)	No data available			
14.4 Packing group	No data available			
14.5 Environmental hazards	No data available			
14.6 Special precautions for user	No special precautions			
14.7 Maritime transport in bulk according to IMO instruments	No data available			

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SECTION 15: Regulatory information

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

Product is not classified in accordance with directive EC 1907/2006 and 1272/2008 and additional changes or national legislation Ur.l. RS 101/2002 and Ur.l.RS 16/2008.

15.2 Chemical safety assessment

No data available from component's supplier.

SECTION 16: Other information

Revision:

Version 06 issued on September 2022 in accordance with EC 1907/2006 (Commission Regulation (EU) 2015/830).

Revision in accordance with 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 - Accord européen relatif au transport international des marchandises dangereuses par route

CAS - Chemical Abstracts Service

CLP – Classification, labeling and packaging

CMR - Carcinogenic, Mutagenic or toxic for Reproduction

DNEL - Derived No-Effect Level

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EmS Emergency Schedule

GHS "Globally Harmonized System of Classification and Labelling of Chemicals"

IARC: International agency for research on cancer

IATA International Air Transport Association

IATA/DGR Dangerous Goods Regulations (DGR) for the air transport (IATA)

ICAO International Civil Aviation Organization IMDG International Maritime

Dangerous Goods Code PBT persistent bioaccumulative, toxic

LD50: Median lethal dose; the dose causing 50% lethality

NTP: National toxicology program

OSHA: Occupational safety and health administration

OEL: Occupational exposure limit

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OSHA PELs: Permissible Exposure Limits - 8-hour TWA (time-weighted average) concentrations unless otherwise noted.

PNEC Predicted No-Effect Concentration

PPM parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Règlement concernant le transport International ferroviaire des marchandises

Dangereuses št. vPvB very Persistent and very Bioaccumulative (zelo obstojno in se zelo lahko kopiči v organizmih)

References:

Safety Data Sheet of the producer,

Martindale: The Extra Pharmacopoeia, 13. edition

Ur. l 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 is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.