

## Safety Data Sheet

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

**1.1 Product identifier**                      **WAX HORSESHOE FOR BITE REGISTRATION**

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Product is used for taking an impression of occlusion in the mouth in case patient still has some teeth in the mouth. For professional use only.

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

Manufacturer/Supplier:	INTERDENT d.o.o.	<i>Production:</i>
Street:	Opekarniška cesta 26	INTERDENT d.o.o.
Country code /Postal code/City:	SI-3000 Celje	Dol 1
Telephone:	+386(0) 425-62-00	SI-3342 Gornji Grad
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**

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

**2.2 Label elements**

None for the mixture according to Regulation (EC) No. 1272/2008.

**2.3 Other hazards**

*Carcinogenicity:*

IARC, OSHA and NTP do not listed product as sold or ingredients as carcinogen.

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

**3.1 Mixture**

**Ingredients:**

Chemical ingredients	CAS number	EC number
Partially or totally	8015-86-9	232-399-4
saponified/estered wax	64742-51-4	265-154-5

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based on wax acid, - esters and long chained hydrocarbons		
Complex mixture of wax esters, wax acids, wax alcohols, and natural hydrocarbons mainly	8006-44-8	232-347-0

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

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

##### 4.1.1 General information:

Remove contaminated clothing.

##### *After inhalation:*

In case of discomfort seek for medical attention. Rest. Inhale fresh air.

##### *After skin contact:*

Wash skin with water and soap. Burns from molten wax must be treated by a physician.

##### *After eye contact:*

Remove solid particle and wash off open lid with plenty of water.

##### *Ingestion:*

Rinse mouth immediately. Do not induce vomiting. Seek for medical attention if problems persist.

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

Refer to Section 11 – Toxicological information

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

Not applicable

### **SECTION 5: Fire Prevention Regulations**

#### **5.1 Extinguishing media**

##### *Suitable extinguishing agents:*

Carbon dioxide, dry chemical, foam, sand

##### *Unsuitable extinguishing agents:*

Water

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

Not known

### 5.3 Advice for firefighters

Self-contained breathing apparatus (SBA) and full protective equipment is recommended.

## ***SECTION 6: Accidental Substance Release Regulations***

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

Refer to section 8.

### **6.2 Environmental precautions**

Do not allow to drains, water courses or soil.

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

Hot product: Allow product to cool down and collect mechanically.

Cold product: Collect in suitable containers for recycling or 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**

Take precaution against electrostatic charge. Do not store near heaters. Product only form ignitable compositions or burn, if heated up to temperatures higher than flash point.

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

Store in cool and dry place away from direct sunlight. Do not store with strong oxidizing agents.

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

No specific end uses.

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

### **8.1 Control parameters**

No work place exposure level listed.

### **8.2 Exposure controls**

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Hot product: Avoid forming of wax vapour. If this is not possible provide proper air ventilation.

### *8.2.1 Appropriate engineering controls:*

No specific measures.

### *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:*

Usual precaution for proper handling of chemicals should be observed. After work, Before meal breaks, clean wax soiled skin by water and emollient cleaning agent/soap. Avoid inhalation of wax vapour.

### *Breathing equipment:*

Against strong wax fume use mask A2, A2/P2 or ABEK.

### *Protection of hands:*

By extended contact with hot wax wear protective gloves. Recommendation of use protection in accordance with EN 374-1:2016. Observe information of the glove manufacturer on permeability or breakthrough times and other workplace requirements.

### *Eye protection:*

Recommendation safety goggles (EN 166:2001); at danger of splashes additional face mask.

### *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**

<b>Physical state</b>	solid
<b>Colour</b>	red
<b>Odour</b>	odourless
<b>Melting point / freezing point</b>	NA

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<b>Boiling point or initial boiling point and boiling range</b>	NA
<b>Flammability</b>	NA
<b>Lower and upper explosion limit</b>	NA
<b>Flash point</b>	> 180°C
<b>Auto-ignition temperature</b>	NA
<b>Decomposition temperature</b>	NA
<b>pH</b>	NA
<b>Kinematic viscosity</b>	NA
<b>Solubility</b>	Insoluble in water
<b>Partition coefficient n-octanol/water (log value)</b>	NA
<b>Vapour pressure</b>	NA
<b>Density and/or relative density</b>	NA
<b>Relative vapour density</b>	NA
<b>Particle characteristics</b>	NA
<b>9.2 Other information</b>	
<b>Dropping point</b>	60°C-70°C DIN 51801
<b>Penetration</b>	[0,1mm] DIN 51579

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

#### **10.1 Reactivity**

No specific test data related to reactivity available for this product.

#### **10.2 Chemical stability**

In the product form is stable under normal storage and handling conditions.

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

No hazardous reaction when handled and stored according to provisions.

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

Prevent contact with oxidants and flour.

#### **10.5 Incompatible materials**

None.

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

None at normal storing and work conditions.

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

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

**Acute oral toxicity:** LD 50 > 2000 mg/kg (rat) (literature data for raw material)

#### **Irritation and corrosivity**

No known symptoms to date.

#### **Sensitizing effects**

Not sensitizing.

#### **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: Ecological information**

#### **12.1 Toxicity**

Not available for the product.

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

No data available

#### **12.3 Bioaccumulative potential**

No data available

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

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Not available for the product.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to EC 1907/2006 REACH, annex XIII.

### 12.6 Endocrine disrupting properties

No data available.

### 12.7 Other adverse effect

Waste water can be mechanically cleaned up. Do not release product in environment.

## **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

Dispose the waste as non hazardous organic solid in accordance with local regulations.

## **SECTION 14: Transport Information**

	Land-Road/Railway (ADR/RID):	Inland waterways (ADNR):	Sea (IMDG):	Air (IATA):
<b>14.1 UN number</b>	No data available			
<b>14.2 UN proper shipping name</b>	No data available			
<b>14.3 Transport hazard class(es)</b>	No data available			
<b>14.4 Packing group</b>	No data available			
<b>14.5 Environmental hazards</b>	No data available			
<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			

Not a dangerous product within the meaning of the transport regulations.

## **SECTION 15: Regulatory information**

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

*EU Label Information:*

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Classification and labeling have been performed according to Regulation 1272/2008.

*EU Hazard Symbol and Indication of Danger:*

According to Regulation EC 1272/2008 this product is not classified.

### 15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

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

*Revision:*

Version 06 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 - 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

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

PNEC Predicted No-Effect Concentration

PPM parts per million



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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)

*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.