

Date of issue: 23.04.2015
Valid from: 01.01.2015
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Dental waxes

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

- 1.1 Product identifier**
Tradename: All dental waxes including: CAD/CAM waxes, Set-up base plates, etc. 01-01ff, 01-3ff, 01-4ff, 01-5ff, 01-6ff, 01-7ff, 02-1ff, 02-2ff, 02-3ff, 02-4ff, 02-5ff, 06-1ff, ZH02-ff, 581-004-011
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Relevant identified uses: to be used in dental labs exclusively
- 1.3 Details of the supplier of the safety data sheet**
Manufacturer/Supplier: al dente Dentalprodukte GmbH
Street / mailbox: Borsigstr. 1
Country code. / postal code / city: D - 38644 Goslar
Phone: 0 53 21 / 80031
Fax: 0 53 21 / 50881
E-mail / Website: info@aldente.de / www.aldente.de
Further information obtainable from: al dente Dentalprodukte GmbH
- 1.4 Emergency telephone number**
al dente Dentalprodukte GmbH: +49 (0) 53 21 / 80031 (Mo-Fr 8:00-16:00)

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture**
Regulation (EC) No. 1272/2008: This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.
- 2.2 Label elements**
- 2.3 Other hazards:** No information available.

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures**
Chemical characterization: Wax
Further Information: No information available.

SECTION 4: First aid measures

- 4.1 Description of first aid measures**
Following inhalation: Pure wax resp. wax not containing any kind of oil is showing almost no vapour pressure when fluid, for that an inhalative absorption of any toxicologically concerned component can be excluded.
- Following skin contact:** Contact with molten/fluid product may lead to burns. Cool down with cold water immediately, if necessary treat wound in a sterile manner, seek for medical advice.
Any absorption of paraffin components by means of skin while the wax is solid cannot be expected.
- Following eye contact:** Rinse thoroughly with water, if necessary seek medical advice (when wax is hot/fluid)

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Following ingestion:	Rinse mouth – no further measures necessary. Waxes can be applied as components of pharmaceuticals or food for this reason the question of absorption in the digestive tract after accidental ingestion is irrelevant.
4.2 Most important symptoms and effects, both acute and delayed:	None.
4.3 Indication of any immediate medical attention and special treatment needed:	None.

SECTION 5: Firefighting measures

5.1 Extinguishing media	
Suitable:	Foam, dry powder, carbon dioxide (CO ₂), water spray jet.
Unsuitable:	Full water jet
5.2 Special hazards arising from the substance or mixture:	In case of fire fumes are possible: carbon monoxide (CO).
5.3 Advice for fire-fighters:	Respiratory protection independent of ambient environment – in case of fumes.
5.4 Additional indication:	
Fire class: B:	Liquid substances or substances becoming liquid.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Use personal protection equipment.
6.2 Environmental precautions:	Do not allow to enter into surface water or drains.
6.3 Methods and material for containment and cleaning up:	Take up mechanically. Avoid dust formation. Collect in closed and suitable containers for disposal.
6.4 Reference to other sections:	See protective measures under point 7 and 8. Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling	
Advice on safe handling:	See section 8.
Advice on protection against fire and explosion:	No special fire protection measures are necessary.
Further information on handling:	
7.2 Conditions for safe storage, including any incompatibilities	
Requirements for storage rooms and vessels:	Store in a cool dry place. Keep/Store only in original container. Protect against direct sunlight.
Hints on joint storage:	No special measures are necessary.
7.3 Specific end uses:	No further relevant information available.

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Viscosity: not applicable
Explosive properties: none
Oxidising properties: none

9.2 Other information: No further information available.

SECTION 10: Stability and reactivity

10.1 Reactivity: No known unusual reactivity.

10.2 Chemical stability: Stable under regular conditions.

10.3 Possibility of hazardous reactions: No known hazardous reactions.

10.4 Conditions to avoid: Heat dissipation.

10.5 Incompatible materials: Not designated.

10.6 Hazardous decomposition products: Carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects When used appropriately no dangers to health are currently known

Acute toxicity: No information available on systemic effects.

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

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

Sensitisation to the respiratory tract: Vapours have a very weak irritant effect.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: An extensive programme already realized in 1958 for clarifying the absence of carcinogenic properties in pure waxes was followed by the admission as food ingredient.

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

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Not applicable

SECTION 12: Ecological information

12.1 Toxicity: No information available

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12.2 Persistence and degradability:	No data available. As to consistency and non-solubility, a bioavailability is very unlikely.
12.3 Bioaccumulative potential:	Not significantly accumulative in living organisms.
12.4 Mobility in soil:	No information available
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 Other adverse effects:	Not hazardous to water - no further quantitative data on ecotoxic effects are available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:	Contaminated packaging disposal Recycle according to official regulations.
Waste codes / waste designations according to EWC / AVV:	No waste codes applicable.
Special precautions:	None.
Other relevant provisions for waste treatment national or EC:	Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1 UN-no.:	No dangerous good in sense of this transport regulation.
14.2 UN proper shipping name ADR/RID: IMDG-Code / ICAO-TI / IATA-DGR:	No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation.
14.3 Transport hazard class(es) / hazard labels:	No dangerous good in sense of this transport regulation.
14.4 Packing group:	No dangerous good in sense of this transport regulation.
14.5 Environmental hazards Marine Pollutant:	No
14.6 Special precautions for user:	No dangerous good in sense of this transport regulation.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU-regulations, e.g.:	The product does NOT have to be labelled according to EC directives/GeStoffV.
National regulations, e.g.: Water contaminating class (D):	- - not water contaminating
Other relevant regulations:	TRGS 500, TRGS 510

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

SECTION 16: Other information

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)
RID:	Règlement international conernat le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
IATA-DGR:	Dangerous Goods Refulations by the "International Air Transport Association"
(IATA) ICAO:	International Civil Aviation Organization
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
CLP:	Regulation on Classification, Labelling and Packaging of Substances and Mixtures
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
EC50:	Effectice concentration, 50 percent
DNEL:	Derived No Effect Level
PNEC:	Predicted No Effect Concentration
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative

Further information:

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.)