

Safety data sheet in accordance with (EC) no. 1907/2006 (amended by regulation (EU) Nr. 453/2010)

Date of issue: 23.04.2015
Date of revision : 22.01.16
Valid from : 01.01.15
Version: 3

Iso-Pro Wax Separating Liquid
03-1100, 03-1110
Insulation AQUA Spacer 03-4160
Separating Liquid for Ceramics 03-1150
Replaces version: 2

Section 1: Identification of the substance/mixture and of the company

1.1 Product Identifier

Substances: watery solution of ionic and anionic tensides (Dodecyl sodium sulfates)
Index-no.: not designated
EG-no.: 205-788-1 (for pure tensides only)
CAS-no.: 151-21-3 (for pure tensides only)
REACH-registration no.: no registration required according to (EC) no. 1907/2006 (REACH)
Other means or identification: none

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

Relevant identified uses: dental sector (Sector of Use: SU22 – commercial use)
Product category: insulation / separating liquid
Process category: brush application
Environmental release category (ERC): Industrial use of processing aids in processes and products, not becoming part of articles.
Uses advised against:
Do not use outside a dental laboratory.

1.3 Details of the supplier of the safety data sheet

Supplier:

al dente Dentalprodukte GmbH

Street:

Am Tobel 15

Address / zip-code / town:

D-88263 Horgenzell

Information contact:

+49 (0) 7504 – 9 70 91-0

Phone / Fax / Email:

+49 (0)7504-970 91-0 / +49 (0)7504-970 91-20 / E-Mail: info@aldente.de

1.4 Emergency Telephone Number:

+49 (0) 171 7508 130

Section 2: Hazards identification:

2.1 Classification of the substance or mixture:

Classification according to regulation (EC) no. 1272/2008 (CLP)
Eye Irrit. 2, H319
For the full text of the statements mentioned in this section, see section 16.

2.2 Label Elements

Labelling according to regulation (EC) no. 1272/2008 (CLP/GHS)

Hazard pictograms:



Signal word: Warning (exclamation mark), Hazard designation: Eye Irrit. 2, H319: may cause eye irritation.

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Hazardous component(s) for labelling:

Contains: tensides

Reduced labelling (≤ 125 ml) (according to exemptions from the packaging and labelling regulations according to EC-CLP-

regulation) Signal word: danger hazard pictogram:



Hazard statements:

H319: May cause eye irritation

Precautionary statements:

P280: Wear protective gloves / glasses.

Supplemental Hazard information (EU):

Full text of H- and EUH-phrases: see SECTION 16

none

2.3 Other Hazards:

There is no further information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Principal component of the substance:

Tenside < 10%

Substance name: Tenside / Dodecyl sodium sulfates

Index-no.: not designated

EG-no.: 205-788-1 (for pure tensides only)

CAS-no.: 151-21-3 (for pure tensides only)

Impurities, stabilizers:

none

Substance name:

Index-no.:

EG-no.:

CAS-no.:

3.2 Mixtures

Description of the mixture:

EG-no.: CAS-no. : Index-Nno.: REACH-registration no.:

Content ration: %

Classification according to regulation (EC) no. 1272/2008 (CLP)

Description of the mixture: water – H₂O²

EG-no.:none CAS-no. : none Index-no.: none REACH-registration no.: none

Content ration: > 80-90%

Classification according to regulation (EC) no. 1272/2008 (CLP)

none

(Full text of H- and EUH-phrases: see SECTION 16)

Section 4: First aid measures

4.1 Description of first aid measures:

Following inhalation: fresh air

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Following skin contact: no need to take measures

Following eye contact: flush eyes with plenty of water with eyelid held open. In the event of persistent symptoms seek medical advice.

Following ingestion: get the person to drink water (2 glasses as a maximum), do not provoke vomiting, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: no information available

Effects: no information available

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor: show this safety data sheet

Special treatment: no information available

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable: adapt to suit the environment

Unsuitable: for this substance no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

none

5.3 Advice for fire-fighters

Do not stay in dangerous zone without suitable selfcontained breathing apparatus.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment: no information available

Emergency procedures: avoid mixing the product with water: danger of slipping on the spilled product especially in connection with water.

For emergency responders

Personal protective equipment: see section 5.3.

6.2 Environmental precautions

Prevent from entering into surface waters and ground water

6.3 Methods and material for containment and cleaning up

Absorb with liquid binding material.

6.4 Reference to other sections

Information on disposal see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

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Fire preventions: not required

Aerosol and dust generation preventions: not required

Environmental precautions: Prevent from entering into surface waters and ground water

Advice on general occupational hygiene: The general hygienic measures in dealing with chemicals have to be observed – do not store near food.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store well closed

Requirements for storage rooms and vessels

none

Storage class: none

Materials to avoid: none

7.3 Specific end uses

Sector specific guidelines: dental laboratories

Except for the uses mentioned under section 1 there are no further final uses provided.

Section 8: Exposure controls / personal protection

8.1 Control parameters

Occupational exposure limits

Substance:	; CAS-no. :
Spezifizierung :	Does not contain any substances indicating workplace limits
Limit value type (country of origin) :	Not determinated
Peak limitation:	Not determinated
Toxic to reproduction:	Not determinated
Source (TRGS)	Not determinated

8.2 Exposure controls

Appropriate engineering controls

Personal protective equipment

Eye / face protection:

wear protective glasses

Skin protection

Hand protection

in full contact: gloves made of:

material: nitrile rubber, chloroprene rubber, butyl rubber

layer thickness (mm): according to directive 89/686/EEC and EN 374

penetration time (min.): according to directive 89/686/EEC and EN 374

Splash contact: according to rules for health and safety at work BGR 195

material: see BGR 195

layer thickness (mm): see BGR 195

penetration time (min.): see BGR 195

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Body protection

Not provided

Respiratory protection

Not provided

Thermal hazards

Not provided

Environmental exposure controls

Not determined

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:

- Aggregate state:	Liquid
- colour :	Yellow (ISO-Pro), transparent-slightly yellowish
Odour :	Slight lemony odour, product specific
Odour threshold :	Not determined
pH-value:	Not determined
Melting point / freezing point :	Not determined
Initial boiling point/boiling range :	100°C
Flash point:	>130°C
Evaporation rate :	Not determined
Flammability:	Not flammable in watery condition
Upper/lower explosive limits	No danger of explosion
Vapour pressure :	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility:	Very soluble in water
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	none
Decomposition temperature:	Not determined
Viscosity:	Not determined
explosive properties:	None
Oxidising properties:	None

Other information

9.2

Physical hazards not applicable

Explosives not applicable

Section 10: Stability and reactivity

10.1 Reactivity: see section 10.3

10.2 Chemical stability: the watery product is chemically very stable.

10.3 Possibility of hazardous reactions:

Don't mix with oxidizing materials

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10.4 Conditions to avoid:

See section 10.4

10.5 Incompatible materials:

Oxidizing agents

10.6 Hazardous decomposition products:

none

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not determined

Skin irritation

Not determined

Eye irritation

See section 3.3, Eye irrit., category 2, H319

Sensitisation to the respiratory tract / skin

Not determined

Germ cell mutagenicity

Not determined

Carcinogenicity

Not determined

Reproductive toxicity

Not determined

Specific target organ toxicity (single exposure)

Not determined

Specific target organ toxicity (repeated exposure)

Not determined

Aspiration hazard

Not determined

Symptoms related to the physical, chemical and toxicological characteristics:

In case of ingestion: may cause temporary nausea

In case of skin contact: none

In case of inhalation: temporary cough

In case of eye contact: may cause temporary burning of the eyes

Further hazardous properties cannot be excluded. The product should be handled with the usual care when dealing with chemicals.

Section 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

Easily biodegradable.

The tensides incorporated in this watery solution fulfil the conditions of biodegradability as stated in the regulation (EC) no. 648/2004 for detergents.

12.3 Bioaccumulative potential

This product does not contain any bioaccumulative substances.

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12.4 Mobility in soil

No information available.

12.5 Results of PBT- and vPvB assessment

The substance does not meet the criteria for PBT and vPvB according to the directive (EC) no. 1907/2006, annex XIII.

12.6 Other adverse effects

Further adverse effects cannot be excluded. The product should be handled with the usual care when dealing with chemicals.

Section 13: Disposal considerations

13.1 Waste treatment methods

Contaminated packaging disposal

The dispose of should be executed in accordance with national, regional and community regulations

Waste codes / waste designations according to EWC / AVV: AVV11

Special precautions: none

Other relevant provisions for waste treatment national or EC: Not regulated

Section 14: Transport information

14.1 UN-no.: Not regulated

14.2 UN proper shipping name

ADR/RID: Not regulated

IMDG-Code / ICAO-TI / IATA-DGR: Not regulated

14.3 Transport hazard class(es) / hazard labels: Not regulated

14.4 Packing group: Not regulated

14.5 Environmental hazards

Environmentally hazardous substance marking

ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: yes / XX no

Marine Pollutant: yes / XX no

14.6 Special precautions for user

Do not get this material in contact with eyes.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Pollution category (X, Y or Z) : not regulated

Type of ship (1, 2 or 3) : not regulated

Section 15: Regulatory information

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

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EU-regulations, e.g.:

Directive /EC) no. 2037/2000 (substances that deplete the ozone layer): Not regulated

Directive (EC) no. 850/2004 (Persistent organic pollutants): Not regulated

Directive (EC) no. 689/2008 (Import and export of hazardous chemicals): Not regulated

Directive (EC) no. 648/2004 (Detergents' regulation):

anionic surfactants 5 - 15%
non-ionic surfactants < 5%

National regulations, e.g.:

Water hazard class WGK 1

Technical instructions on Air Quality Control (TA-Luft) not regulated

Other relevant regulations none

15.2 Chemical safety assessment

No information available

Section 16: Other information

Indication of changes

Adaption to the classification of directive (EC) no. 1272/2008
Section 1: Emergency telephone number

Abbreviations and acronyms

Not used

Key literature references and sources for data

Gestis Stoffdatenbank - <http://gestis.itrust.de/>
Bundesanstalt für Arbeitsschutz und Arbeitsmedizin – www.baua.de

Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:

Not determined

Relevant R-, H- and EUH-phrases (number and full text):

Hazard statements:
H319: May cause eye irritation
Precautionary statements:
P280: Wear protective gloves / eye protection.

Training advice

Provide appropriate trainings, information and instruction to crews.

Further information

This information is based on our present state of knowledge. It should therefore not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. We do not take any responsibility for possible sources of errors or sufficiency of this document. The user of the product accepts the sole responsibility to adhere to all herein mentioned regulations. It is the user's obligation to read this document carefully.