

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURES AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Matchmaker Shoulder Liquid

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

No further relevant information available.

Application of the substance/the mixture: Auxillary for dental technology

1.3. Details of the supplier of the safety data sheet

Supplier Davis Schottlander & Davis Ltd
Fifth Avenue, Letchworth Garden City
Hertfordshire SG6 2WD, UK
msds@schottlander.co.uk
www.schottlander.com

1.4. Emergency contacts

National poison centre for United Kingdom of Great Britain and Northern Ireland:

Belfast: +44 28 90 63 2032

Birmingham: +44 121 507 4123

Edinburgh: +44 131 242 1383

Newcastle Upon Tyne: +44 191 2606182/+44 191 2606180

Penarth: +44 292 071 55 54

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008	Void
Hazard pictograms	Void
Signal word	Void
Hazard statements	Void

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical characterization: Mixture

Description:

Only substances required to be mentioned according to Annex II of regulation 1907/2006 are listed. Information on the other substances that may be present can be obtained upon request.

Dangerous components:

CAS: 7646-85-7 Zink chloride

EINECS: 231-592-0

< 0,05%



H302, H314, H410

P305+P351+P338, P310, P405, P501

P260, P273, P280, P303+P361+P353,

Additional information: For the wording of the listed risk phrases refer to section 16

SAFETY DATA SHEET

4. FIRST AID MEASURES

4.1. Description of first aid measures

General information: No special measures required. If symptoms persist, consult doctor

After inhalation: Take affected persons into fresh air and keep quiet.

After skin contact: Immediately rinse with water.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available

4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3. Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information: Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Remove persons from danger area.

6.2. Environmental precautions

Do not allow product to reach sewage system or any water course. Do not allow to penetrate the ground/soil.

6.3. Methods and material for containment and cleaning up

Absorb liquid components with liquid-binding material. Dispose of the material collected according to regulations.

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

No special precautions are necessary if used correctly.

Information about fire - and explosion protection: No special measures required.

7.2. Conditions of safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs

Further information about storage conditions: None.

Specific end use(s) No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2. Exposure controls

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Wash hands before breaks and at the end of work.

Respiratory protection: Suitable respiratory protective device recommended.

Protection of hands: Protective gloves

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General Information

Appearance

Form:	Liquid
Colour:	Colourless
Odour:	Characteristics
Odour threshold:	Not determined
pH-value:	5.9

Change in condition:

Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	100°C
Flash point:	Not applicable
Flammability (solid, gas):	Not applicable
Ignition temperature:	Undetermined
Decomposition temperature:	Not determined
Auto-ignition temperature:	Product is not self igniting
Explosive properties:	Product does not present an explosion hazard.

Explosion limits

Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined
Density at 20 °C:	100000q/cm ³
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with water:	Insoluble.
Partition coefficient: n-octanol/water:	Not determined.

Viscosity

Dynamic:	Not determined.
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SAFETY DATA SHEET

Kinematic: Not determined.
Solvent content: 0,0%
Organic solvents
Solids content: $\leq 5,0\%$

9.2. Other information No further relevant information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

Thermal decomposition/conditions to be avoided:

No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available

10.6. Hazardous decomposition products

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.
 LD/LC50 values relevant for classification: No further relevant information available.

Primary irritant effect:

Skin corrosion/irritation: Based on available data, the classification criteria are not met.
 Serious eye damage/irritation: Based on available data, the classification criteria are not met.
 Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
 Repeated dose toxicity: No further relevant information available.
 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
 Germ cell mutagenicity: Based on available data, the classification criteria are not met.
 Carcinogenicity: Based on available data, the classification criteria are not met.
 Reproductive toxicity: Based on available data, the classification criteria are not met.
 STOT-single exposure: Based on available data, the classification criteria are not met.
 STOT-repeated exposure: Based on available data, the classification criteria are not met.
 Aspiration hazard: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

Additional ecological information: General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

SAFETY DATA SHEET

12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6. Endocrine disrupting properties

No information provided

12.7. Other adverse effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

European waste catalogue

18 00 00 WASTE FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH
(except kitchen and restaurant waste not arising from immediate health care)

18 01 00 waste from natal care, diagnosis, treatment or prevention of disease in humans

18 01 07 chemicals other than those mentioned in 18 01 0

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulation

14. TRANSPORT INFORMATION

14.1. UN number

ADR, ADN, IMDG, IATA not regulated

14.2. UN proper shipping name

ADR, ADN, IMDG, IATA not regulated

14.3. Transport hazard class(es)

ADR, ADN, IMDG, IATA

Klasse not regulated

14.4. Packing group

ADR, IMDG, IATA not regulated

14.5. Environmental hazards

Marine pollutant: No

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

UN "Model Regulation": not regulated

15. REGULATORY INFORMATION

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

N/A

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Classification according to Regulation (EC) No 1272/2008 Calculation method

Full text of R-phrases mentioned in Chapters 2 and 3:

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

H410 Very toxic to aquatic life with long lasting effects

P260 Do not breathe dust/fume/gas/mist/vapours/spray

P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/face protection

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician

P405 Store locked up

P501 Dispose of contents/container to national law

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)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Sources:

ECHA (<http://echa.europa.eu/>)

EnviChem (www.echemportal.org)

16.2 Date of the latest revision of the SDS

Revision Date: 23/09/2025

Revision: V1

Next Review Date: 23/09/2028

This datasheet has been re-written and replaces all previous versions. The information and all further technical advice is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the substances in terms of their safety and handling requirements. The instructions given here are valid only for the product as supplied, not for derivatives resulting from its use. It implies no liability or other legal responsibility on our part. In particular, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection of incoming goods.

END OF SAFETY DATA SHEET