

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

1.1. Product identifier

Product Name Matchmaker MC Liquid

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

No further relevant information available.

Application of the substance/the mixture: Auxiliary 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 telephone number

National poison center 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 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

Chemical characterization: Mixture

3.1. Substances

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: 57-55-6 EINECS: 200-338-0	propane-1,2-diol	substance with a Community workplace exposure limit	90-100%

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

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 sprays, Fight larger fire 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 fire fighting 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 for 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.

7.3. 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:

57-55-6 propane-1,2-diol

WEL Long-term value: 474* 10** mg/m³, 150* ppm

*total vapour and particulates **particulates

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:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined
pH-value	Not determined
Change in condition	
Melting point/Melting range	Undetermined
Boiling point/Boiling range	Undetermined
Flash point	Not applicable
Flammability (solid, gaseous)	Not applicable
Ignition temperature	Undetermined
Decomposition temperature	Not determined
Self-igniting	Product is not selfigniting
Danger of explosion	Product does not present an explosion hazard
Explosion limits	
Lower	Not determined
Upper	Not determined
Vapour pressure	Not determined
Density	Not determined
Relative density	Not determined
Vapour density	Not determined
Evaporative rate	Not determined
Solubility in/Miscibility with Water:	Fully miscible
Partition coefficient (n-octanol/water)	Not determined
Viscosity	
Dynamic	Not determined
Kinematic	Not determined

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 known10.4. **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

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): No further relevant information available.
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 3 (German Regulation) (Self-assessment): slightly hazardous

for water. Do not allow undiluted product or large quantities of it to reach ground water, water

course or sewage system.

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

Recommendation: Smaller quantities can be disposed of with household waste.

European waste catalogue

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

18 01 00 wastes 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

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. TRANSPORT INFORMATION

14.1. UN-Number	
ADR, AND, IMDG, IATA	not regulated
14.2. UN proper shipping name	
ADR, AND, IMDG, IATA	not regulated
14.3. Transport hazard class(es)	
ADR, AND, IMDG, IATA	
Class	not regulated
14.4. Packaging 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 UN "Model Regulation": | Not applicable
not regulated |

15. REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- 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

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)

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)

Data compared to the previous altered: This version replaces all previous versions.

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16.2. Date of the latest revision of the SDS

Revision Date:	02/04/2025
Revision:	V1
Next Review Date:	02/04/2028