

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.05.2023

Version number 2 (replaces version 1)

Revision: 11.05.2023

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

- **1.1 Product identifier**
- **Trade name:** CERAMIC ULTRA SPEED WAX
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Life cycle stages**
 - C Consumer use
 - PW Widespread use by professional workers
- **Sector of Use**
 - SU21 Consumer uses: Private households / general public / consumers
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC31 Polishes and wax blends
- **Application of the substance / the mixture** Self glazing emulsion
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 - MA-FRA S.p.A. a Socio Unico
 - Via Aquileia, 44/46
 - 20021 Baranzate (MI) ITALIA
 - Tel. +39 023569981
 - www.mafra.com
 - mafra@mafra.it
- **Informing department:** info@mafra.it
- **1.4 Emergency telephone number:** In case of accident call the emergency number 112

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
 - The product is not classified as hazardous according to the GB CLP Regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements**
 - P102 Keep out of reach of children.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances

- Dangerous components:

CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35	1-methoxypropan-2-ol Flam. Liq. 3, H226; STOT SE 3, H336	1-<3%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol Flam. Liq. 2, H225; Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	1-<3%

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.05.2023

Version number 2 (replaces version 1)

Revision: 11.05.2023

Trade name: CERAMIC ULTRA SPEED WAX

(Contd. of page 1)

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures

- **General information** No special measures required.- **After inhalation** Supply fresh air; consult doctor in case of symptoms.- **After skin contact** The product is not skin irritating.- **After eye contact** Rinse opened eye for several minutes under running water.- **After swallowing** In case of persistent symptoms consult doctor.

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

Sickness

No further relevant information available.

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

If swallowed, gastric irrigation

Medical supervision for at least 48 hours

SECTION 5: Firefighting measures

- 5.1 Extinguishing media

- Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Use fire fighting measures that suit the environment.

- 5.2 Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

- 5.3 Advice for firefighters

- **Protective equipment:** Do not inhale explosion gases or combustion gases.

- Additional information

Cool endangered containers with water spray jet.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures

Not required.

Protective gloves. (EN 374)

- For non-emergency personnel

Ensure adequate ventilation

Keep away from ignition sources

Wear protective clothing.

- For emergency responders Nitrile rubber, NBR

- 6.2 Environmental precautions:

Dilute with much water.

Do not allow to enter drainage system, surface or ground water.

- 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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 information on disposal.

GB
(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 11.05.2023

Version number 2 (replaces version 1)

Revision: 11.05.2023

Trade name: CERAMIC ULTRA SPEED WAX

(Contd. of page 2)

SECTION 7: Handling and storage**- 7.1 Precautions for safe handling**

Keep away from heat and direct sunlight.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Do not eat, drink or smoke while working.

- Information about protection against explosions and fires:

Do not spray on flames or red-hot objects.

Protect from heat.

- 7.2 Conditions for safe storage, including any incompatibilities**- Storage****- Requirements to be met by storerooms and containers:** Store only in the original container.**- Information about storage in one common storage facility:** Not required.**- Further information about storage conditions:** None.**- Class according to regulation on inflammable liquids:** Void**- 7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****- 8.1 Control parameters****- Components with limit values that require monitoring at the workplace:****107-98-2 1-methoxypropan-2-ol**WEL Short-term value: 560 mg/m³, 150 ppmLong-term value: 375 mg/m³, 100 ppm

Sk

64-17-5 ethanolWEL Long-term value: 1920 mg/m³, 1000 ppm**- DNELs****107-98-2 1-methoxypropan-2-ol**

Oral Systemic Long-term Effects 3.3 mg/Kg bw/day (Consumers)

Dermal Systemic long-term effects 50.6 mg/Kg bw/day (Industrial Workers)

18.1 mg/Kg bw/day (Consumers)

Inhalative Local short-term effects 553.5 mg/m³ (Industrial Workers)Systemic long-term effects 369 mg/m³ (Industrial Workers)43.9 mg/m³ (Consumers)Systemic Short-term Effects 369 mg/m³ (Industrial Workers)**64-17-5 ethanol**

Oral Systemic Long-term Effects 87 mg/Kg bw/day (Consumers)

Dermal Systemic long-term effects 343 mg/Kg bw/day (Industrial Workers)

206 mg/Kg bw/day (Consumers)

Inhalative Local short-term effects 1,900 mg/m³ (Industrial Workers)Systemic long-term effects 950 mg/m³ (Industrial Workers)114 mg/m³ (Consumers)**- PNECs****107-98-2 1-methoxypropan-2-ol**

PNEC STP 100 mg/L (STP)

Soil 4.59 mg/Kg (Soil)

Soft Water 10 mg/L (Water)

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.05.2023

Version number 2 (replaces version 1)

Revision: 11.05.2023

Trade name: CERAMIC ULTRA SPEED WAX

(Contd. of page 3)

Sea water	1 mg/L (Water)
Sediment (soft water)	52.3 mg/Kg (Soil)
Sediment (sea water)	5.2 mg/Kg (Soil)
64-17-5 ethanol	
PNEC STP	580 mg/L (STP)
Soil	0.63 mg/Kg (Soil)
Soft Water	0.96 mg/L (Water)
Sea water	0.79 mg/L (Water)
Sediment (soft water)	3.6 mg/Kg (Soil)
Sediment (sea water)	2.9 mg/Kg (Soil)

- **Additional information:** The lists that were valid during the compilation were used as basis.

- 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see section 7.

- **Individual protection measures, such as personal protective equipment**

- **General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

- **Breathing equipment:** Not required.

- **Hand protection** Preventive skin protection by use of skin-protecting agents is recommended.

- **Material of gloves** Nitrile rubber, NBR

- **Penetration time of glove material**

For the mixture of chemicals mentioned below the penetration time has to be at least 15 minutes (Permeation according to EN 16523-1:2015: Level 1).

- **Eye/face protection**



Safety glasses recommended during refilling.

- **Environmental exposure controls** Disposal must be made according to official regulations.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- **Physical state**

Fluid

- **Colour:**

White

- **Odour:**

Pleasant

- **Odour threshold:**

Not determined.

- **Melting point/freezing point:**

Not determined

- **Boiling point or initial boiling point and boiling range**

100 °C (7732-18-5 water, distilled, conductivity or of similar purity)

- **Flammability**

Not applicable.

- **Lower and upper explosion limit**

- **Lower:**

Not determined.

- **Upper:**

Not determined.

- **Flash point:**

Not applicable

- **Decomposition temperature:**

Not determined.

- **pH at 20 °C**

7

- **Viscosity:**

- **Kinematic viscosity**

Not determined.

- **dynamic:**

Not determined.

- **Solubility**

- **Water:**

Fully miscible

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 11.05.2023

Version number 2 (replaces version 1)

Revision: 11.05.2023

Trade name: CERAMIC ULTRA SPEED WAX

(Contd. of page 4)

- Partition coefficient n-octanol/water (log value)	Not determined.
- Vapour pressure at 20 °C:	23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)
- Density and/or relative density	
- Density at 20 °C	0.99 g/cm ³
- Relative density	Not determined.
- Vapour density	Not determined.
- 9.2 Other information	
- Appearance:	
- Form:	Liquid
- Important information on protection of health and environment, and on safety.	
- Self-flammability:	Product is not selfigniting.
- Explosive properties:	Product is not explosive.
- Change in condition	
- Evaporation rate	Not determined.
- Information with regard to physical hazard classes	
- Explosives	Void
- Flammable gases	Void
- Aerosols	Void
- Oxidising gases	Void
- Gases under pressure	Void
- Flammable liquids	Void
- Flammable solids	Void
- Self-reactive substances and mixtures	Void
- Pyrophoric liquids	Void
- Pyrophoric solids	Void
- Self-heating substances and mixtures	Void
- Substances and mixtures, which emit flammable gases in contact with water	Void
- Oxidising liquids	Void
- Oxidising solids	Void
- Organic peroxides	Void
- Corrosive to metals	Void
- Desensitised explosives	Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity Stable under normal conditions
- 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

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.

- LD/LC50 values that are relevant for classification:

107-98-2 1-methoxypropan-2-ol

Oral	LD50	4,016 mg/Kg (Rat)
------	------	-------------------

(Contd. on page 6)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.05.2023

Version number 2 (replaces version 1)

Revision: 11.05.2023

Trade name: CERAMIC ULTRA SPEED WAX

(Contd. of page 5)

Dermal	LD50	>2,000 mg/Kg (Rat) 13,500 mg/Kg (Rabbit)
64-17-5 ethanol		
Oral	LD50	3,400 mg/Kg (Mouse) >2,000 mg/Kg (Rat)
Dermal	LD50	17,100 mg/Kg (Rabbit)

- **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.
- **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.

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

107-98-2 1-methoxypropan-2-ol

LC50 (4 h)	6 mg/L (Rat)
LC50 (96h)	>100 mg/L (Algae) 4,600 mg/L (Fish)
EC50 (48h)	23,300 mg/L (Daphnia)
EC50 (96h)	>1,000 mg/L (Algae) 20,800 mg/L (Fish)

64-17-5 ethanol

LC50 (4 h)	20,000 mg/L (Rat)
LC50 (96h)	13 mg/L (Fish)
EC50 (48h)	12.34 mg/L (Daphnia)

- **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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods

- Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 7)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 11.05.2023

Version number 2 (replaces version 1)

Revision: 11.05.2023

Trade name: CERAMIC ULTRA SPEED WAX

(Contd. of page 6)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|-----------------|
| - 14.1 UN number or ID number | |
| - ADR, IMDG, IATA | Void |
| - 14.2 UN proper shipping name | |
| - ADR, IMDG, IATA | Void |
| - 14.3 Transport hazard class(es) | |
| - ADR, IMDG, IATA | |
| - Class | Void |
| - 14.4 Packing group | |
| - ADR, IMDG, IATA | Void |
| - 14.5 Environmental hazards: | Not applicable. |
| - 14.6 Special precautions for user | Not applicable. |
| - 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- National regulations
- Classification according to VbF: Void
- Technical instructions (air):

Class	Share in %
NK	5.3

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- **Relevant phrases**
 - H225 Highly flammable liquid and vapour.
 - H226 Flammable liquid and vapour.
 - H319 Causes serious eye irritation.
 - H336 May cause drowsiness or dizziness.
- **Department issuing data specification sheet:** Ma-Fra Laboratories
- **Contact:** lab@mafra.it
- **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)
 - VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)
 - DNEL: Derived No-Effect Level (UK REACH)

(Contd. on page 8)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 11.05.2023

Version number 2 (replaces version 1)

Revision: 11.05.2023

Trade name: CERAMIC ULTRA SPEED WAX

(Contd. of page 7)

*PNEC: Predicted No-Effect Concentration (UK REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Flam. Liq. 2: Flammable liquids – Category 2**Flam. Liq. 3: Flammable liquids – Category 3**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3***- * Data compared to the previous version altered.**

GB