

Safety Data Sheet

according to WHS Regulations

Printing date 20.05.2020

Version number 1

Revision: 12.05.2020

1 Identification

- **Product identifier**
- **Trade name: *W&H Cleaning Liquid MC-1000***
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use SU20 Health services**
- **Product category PC35 Washing and cleaning products (including solvent based products)**
- **Application of the substance / the mixture Cleaning material/ Detergent**

- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
*PRISMAN GmbH
 Otto-Hahn-Ring 6-18
 D-64653 Lorsch
 Germany*

Local sponsor: <i>W&H Australasia Pty Ltd 38 Perentie Road Belrose NSW 2085 Tel. +61 1300 613 988 https://www.wh.com Email: support.aus@wh.com ABN 33 108 399 800</i>	Distributor: <i>Ivoclar Vivadent Pty Ltd Place: 1-5 Overseas Drive Noble Park North VIC 3174 Telephone: +61 3 9795 9599 Fax: +61 3 9795 9645 E-mail: info@ivoclar.com</i>
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- **Further information obtainable from:**
*Department of Product Safety
 Alexander.Metz@prisman.de*
- **Emergency telephone number:**
*Australian Poisons Informative Centre 24 hour service: phone 13 11 26
 Police/ Fire Brigade / Ambulance: 000*

2 Hazard(s) Identification

- **Classification of the substance or mixture**



flame

Flam. Liq. 3 H226 Flammable liquid and vapour.

- **Label elements**
- **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS02

- **Signal word Warning**
- **Hazard statements**
Flammable liquid and vapour.
- **Precautionary statements**
*Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Keep container tightly closed.
 Wear protective gloves / eye protection.
 Store in a well-ventilated place. Keep cool.
 Dispose of contents/container in accordance with local/regional/national/international regulations.*

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- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:**
Cleansing agent
Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

64-17-5	ethanol		10-25%
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- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **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.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Keep away from ignition sources.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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7 Handling and Storage

- **Handling:**
- **Precautions for safe handling**
Keep receptacles tightly sealed.
Store in cool, dry place in tightly closed receptacles.
- **Information about fire - and explosion protection:**
Protect from heat.
Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Store away from oxidising agents.
Store away from foodstuffs.
- **Further information about storage conditions: -**
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

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

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

64-17-5 ethanol

WES Long-term value: 1880 mg/m ³ , 1000 ppm
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- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

- **Respiratory protection:** Not required.

- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **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.

- **As protection from splashes gloves made of the following materials are suitable:**

Nitrile rubber, NBR

Butyl rubber, BR

Natural rubber, NR

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· Eye protection:



Tightly sealed goggles

9 Physical and Chemical Properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Fluid
Colour:	Colourless
Odour:	Alcohol-like
Odour threshold:	Not determined.

· pH-value at 20 °C: 7.6

· Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	79 °C

· Flash point: 38 °C

· Flammability (solid, gas): Not applicable.

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not selfigniting.

· 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: 0.97 g/cm³

· Relative density: Not determined.

· Vapour density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with water:

Fully miscible.

· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

· Solvent content:

Organic solvents:	20.0 %
Water:	79.7 %
VOC (EC)	20 %

Solids content: 0.0 %

· Other information: No further relevant information available.

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10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
Stable at environment temperature.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**

· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral	LD50	33,333 mg/kg
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- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
- **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.

12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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

14 Transport information

· <i>UN-Number</i> · <i>ADG, ADN, IMDG, IATA</i>	<i>Void</i>
· <i>UN proper shipping name</i> · <i>ADG</i>	<i>Not regulated. Aqueous solution containing not more than 24% alcohol by volume.</i>
· <i>ADN</i> · <i>IMDG</i>	<i>Void</i> <i>Not regulated. Special provision 144. Aqueous solutions containing 24 % or less alcohol by volume.</i>
· <i>IATA</i>	<i>Not regulated. Special provision A58. Aqueous solution containing not more than 24 per cent alcohol by volume</i>
· <i>Transport hazard class(es)</i> · <i>ADG, ADN, IMDG, IATA</i> · <i>Class</i>	<i>Void</i>
· <i>Packing group</i> · <i>ADG, IMDG, IATA</i>	<i>Void</i>
· <i>Environmental hazards:</i> · <i>Marine pollutant:</i>	<i>No</i>
· <i>Transport in bulk according to Annex II of Marpol and the IBC Code</i>	<i>Not applicable.</i>

15 Regulatory information

· *Safety, health and environmental regulations/legislation specific for the substance or mixture*· *Australian Inventory of Chemical Substances**All ingredients are listed.*· *Standard for the Uniform Scheduling of Medicines and Poisons**None of the ingredients is listed.*· *Australia: Priority Existing Chemicals**None of the ingredients is listed.*· *GHS label elements GHS label elements*· *Directive 2012/18/EU*· *Named dangerous substances - ANNEX I None of the ingredients is listed.*· *Seveso category P5c FLAMMABLE LIQUIDS*· *Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t*· *Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t*· *Chemical safety assessment: A Chemical Safety Assessment has not been carried out.*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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· Relevant phrases*H225 Highly flammable liquid and vapour.**H319 Causes serious eye irritation.***· Department issuing SDS: Abteilung Produktsicherheit****· Contact: Hr. Dr. Metz****· Abbreviations and acronyms:***RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)**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**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**Flam. Liq. 2: Flammable liquids – Category 2**Flam. Liq. 3: Flammable liquids – Category 3**Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A***· * Data compared to the previous version altered.**

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