



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

Printing date 01.02.2022

Version number 1

Revision: 01.02.2022

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

- **1.1 Product identifier**
- **Trade name:** POLISH ALL IN ONE TOTAL 2.0
- **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** Polishing agent/ Burnishing compound
- **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 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: 63148-62-9 | Poly (dimethylsiloxane) | 5-<10% |
| EC number: 613-156-5 | ⚠ Acute Tox. 4, H302 | |

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| | | |
|---|--|--------|
| EC number: 920-107-4 Reg.nr.: 01-2119453414-43 | Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics Asp. Tox. 1, H304, EUH066 | 5-<10% |
| CAS: 68920-66-1 NLP: 500-236-9 | Ethoxy Alcohol Skin Irrit. 2, H315; Aquatic Chronic 3, H412 | 1-<3% |

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

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
- Keep away unauthorized persons
- 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:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:**
- Dispose of contaminated material as waste according to item 13.
- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**
- See Section 7 for information on safe handling
- See Section 8 for information on personal protection equipment.

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See Section 13 for information on disposal.

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SECTION 7: Handling and storage

- 7.1 Precautions for safe handling

No special measures required.

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:** 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:**

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

- DNELs

100-37-8 2-diethylaminoethanol

| | | |
|------------|----------------------------|---|
| Dermal | Systemic long-term effects | 2.5 mg/Kg bw/day (Industrial Workers) |
| Inhalative | Local long-term effects | 10.7 mg/m ³ (Industrial Workers) |
| | Local short-term effects | 24 mg/m ³ (Industrial Workers) |
| | Systemic long-term effects | 18.3 mg/m ³ (Industrial Workers) |

- PNECs

100-37-8 2-diethylaminoethanol

| | |
|-----------------------|----------------------|
| PNEC STP | 10 mg/L (STP) |
| Soil | 0.0977 mg/Kg (Soil) |
| Soft Water | 0.0623 mg/L (Water) |
| Sea water | 0.00623 mg/L (Water) |
| Sediment (soft water) | 0.673 mg/Kg (Soil) |
| Sediment (sea water) | 0.0673 mg/Kg (Soil) |
| Occasional Emission | 0.34 mg/L (Water) |

- **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 item 7.- **Individual protection measures, such as personal protective equipment**- **General protective and hygienic measures** Do not eat, drink or smoke while working.- **Breathing equipment:**

Breathing protection recommended.

Filter P2.

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

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- **Material of gloves** Nitrile rubber, NBR
- **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/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:** Odourless
 - **Odour threshold:** Not determined.
 - **Melting point/freezing point:** 0 °C
 - **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
 - **Self-inflammability:** Product is not selfigniting.
 - **Decomposition temperature:** Not determined.
 - **pH** Mixture is non-soluble (in water).
 - **Viscosity:**
 - **Kinematic viscosity** Not determined.
 - **dynamic at 20 °C:** 0.952 mPas
 - **Solubility**
 - **Water:** Not miscible or difficult to mix
 - **Partition coefficient n-octanol/water (log value)** Not determined.
 - **Vapour pressure:** Not determined.
 - **Density and/or relative density**
 - **Density** Not determined
 - **Relative density** Not determined.
 - **Vapour density** Not determined.
- **9.2 Other information**
 - **Appearance:**
 - **Form:** Pasty
 - **Important information on protection of health and environment, and on safety.**
 - **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

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| | |
|---|------|
| - 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

- LD/LC50 values that are relevant for classification:

63148-62-9 Poly (dimethylsiloxane)

| | | |
|--------|------|-----------------------|
| Oral | LD50 | 2,000 mg/Kg (Rat) |
| Dermal | LD50 | >2,000 mg/Kg (Rabbit) |
| | | >2,000 mg/Kg (Rat) |

Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics

| | | |
|--------|------|-----------------------|
| Oral | LD50 | >5,000 mg/Kg (Rat) |
| Dermal | LD50 | >5,000 mg/Kg (Rabbit) |

68920-66-1 Ethoxy Alcohol

| | | |
|------|------|--------------------|
| Oral | LD50 | >2,000 mg/Kg (Rat) |
|------|------|--------------------|

100-37-8 2-diethylaminoethanol

| | | |
|------|------|-------------------|
| Oral | LD50 | 1,320 mg/Kg (Rat) |
|------|------|-------------------|

- 11.2 Information on other hazards

- Endocrine disrupting properties

| | |
|----------|-------------------|
| 118-58-1 | Benzyl salicylate |
|----------|-------------------|

List II

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

63148-62-9 Poly (dimethylsiloxane)

| | |
|------------|---------------------|
| EC50 (48h) | >200 mg/L (Daphnia) |
|------------|---------------------|

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Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics

| | |
|------------|----------------------|
| LC50 (4 h) | >4,951 mg/L (Rat) |
| EC50 (48h) | 1,000 mg/L (Daphnia) |
| EC50 (96h) | 1,000 mg/L (Fish) |
| EC50 (72h) | 1,000 mg/L (Algae) |

68920-66-1 Ethoxy Alcohol

| | |
|------------|-------------------|
| LC50 (96h) | <1 mg/L (Fish) |
| EC50 (48h) | <1 mg/L (Daphnia) |

100-37-8 2-diethylaminoethanol

| | |
|------------|--------------------|
| LC50 (4 h) | 4.6 mg/L (Rat) |
| LC50 (96h) | 147 mg/L (Fish) |
| EC50 (48h) | 165 mg/L (Daphnia) |
| EC50 (72h) | 62.3 mg/L (Algae) |
| EC10 (72h) | 21.4 mg/L (Algae) |

9002-92-0 Laureth 3

| | |
|------------|-------------------|
| LC50 (96h) | <1 mg/L (Fish) |
| EC50 (48h) | <1 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** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.

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.
- **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. |

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- **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 | 7.0 |

- **Water hazard class:** Generally not hazardous for water.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- **Relevant phrases**

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

- **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 (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

- *** Data compared to the previous version altered.**