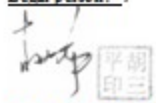
Safety Data Sheet（MSDS）

MENSENA (HONGKONG) INTERNATIONAL CO.,LTD

Legal person:



1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

MENSENA Metal Polish (MA1071, MA1100)

Use of the substance/preparation

Cleaning and care product for metal surfaces

Company/ undertaking identification

2. Composition/information on ingredients

2.1 Chemical name content % symbol R-phrases EINECS, CAS

ELINCS

3. Hazards identification

3.1 To people

See point 11 and 15.

Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

Repeated exposure may cause skin dryness or cracking.

3.2 To the environment

See point 12.

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4. First aid measures

4.1 Inhalation

Remove person from danger area.

Supply person with fresh air.

4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary. Keep Data Sheet available.

4.3 Skin contact

Wash thoroughly with soap and copious water – remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion

Call doctor immediately – have Data Sheet available.

Do not induce vomiting.

4.5 Special resources necessary for first aid

n.g.

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5. Fire-fighting measures

5.1 Suitable extinguishing material

Foam, CO_2, sand, dry extinguisher, water jet spray

5.2 Extinguishing media which must not be used for safety reasons

High volume water jet

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop:

Oxides of carbon, toxic pyrolysis products.

5.4 Special protective equipment for fire-fighters

Protective respirator with independent air supply

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

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6. Accidental release measures

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

6.2 Environmental measures

If leakage occurs, dam up.

Do not pour down the drain undiluted.

6.3 Methods for cleaning up .
Collect mechanically and dispose of according to point 13. .
7. Handling and storage .
7.1 Handling .
Tips for safe handling: .
See point 6.1 .
Ensure good ventilation. .
Observe directions on label and instructions for use. .
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. .
General hygiene measures for the handling of chemicals are applicable. .
7.2 Storage .
Requirements for storage rooms and containers: .
Not to be stored in gangways or stairwells. .
Store products only unopened, in original packing. .
Special storage conditions: .
See point 10.2 .
8. Expose controls / personal protection .
Ensure good ventilation. This can be achieved by local suction or general air extraction. .
If this is insufficient to maintain the concentration under the OES, MEL or MAK values, suitable breathing protection should be worn. .
Applies only if maximum permissible exposure values* are listed here. .
(* values for Great Britain)

Chemical Name Kerosine (petroleum) .
MEL- or OES-TWA: 70 ppm (350 mg/m³) (AG) MEL- or OES-STEL: 4 (AG) .
BMGV: --- Other information: --- .
Chemical Name Aluminium oxide .
MEL- or OES-TWA: 10 mg/m³ (total inhal. dust), MEL- or OES-STEL: --- .
4 mg/m³ (resp. dust) .
BMGV: --- Other information: --- .
MEL- or OES-TWA = Maximum Exposure Limit or Occupational Exposure Standard – Long-term exposure limit (8-hour TWA (= time weighted average) reference period). .
MEL- or OES-STEL = Maximum Exposure Limit or Occupational Exposure Standard – Short-term exposure limit (15-minute reference period). .
BMGV = Biological monitoring guidance value. .
8.1 Respiratory protection: Normally not necessary. .
If the general dust-limit is exceeded, breathing masks with fine-dust filters are necessary (EN 143). .
If OES or MEL is exceeded: Filter A P 3 (EN 141). .
8.2 Hand protection .
Protective hand cream recommended. .
Recommended: Protective nitrile gloves (EN 374). .
8.3 Eye protection: Normally not necessary. .
With danger of contact with eyes: Tight fitting protective goggles with side protection (EN 166). .
8.4 Skin protection: .
Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments) .
Additional information on hand protection – No tests have been performed. .
Selection made for preparations according to the best available knowledge and information on the ingredients. .
Selection of materials derived from glove manufacturer's indications. .
Final selection of glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. .
In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

9. Physical and chemical properties .
Physical state: Paste .
Colour: White .
Odour: Characteristic .
pH-value undiluted: 9.5 .

10 % pH-value: n.a. .-
Boiling point / range (°C): ≥ 100 .-
Melting point / range (°C): n.v. .-
Flash point (°C): > 100 .-
Oxidising properties: No .-
Minimum limit of explosion: n.a. .-
Maximum limit of explosion: n.a. .-
Product is not explosive. .-
Relative density (g/ml): 1.26 .-
Solubility in water: Insoluble .-
Viscosity: 1,500-2,000 mPa·s (20°C) .-
> 7 mm^2/s (40°C) .-

10. Stability and reactivity .-

10.1 Conditions to avoid .-

See point 7. .-
Stable when handled and stored correctly. .-

10.2 Materials to avoid .-

See point 7. .-
Avoid contact with other chemicals .-

10.3 Hazardous decomposition products .-

See Point 5.3 .-

11. Toxicological information .-

11.1 Acute toxicity and immediate effects .-

Ingestion, LD50 rat oral (mg/kg): n.v. .-
Inhalation, LC50 rat inhal. (mg/14h): n.v. .-
Skin contact, LD50 rat dermal (mg/kg): n.v.

Eye contact: n.v. .-

11.2 Delayed and chronic effects .-

Sensitization: n.g. .-
Carcinogenicity: n.g. .-
Mutagenicity: n.g. .-
Reproductive toxicity: n.g. .-
Narcosis: Possible .-

11.3 Further information .-

No classification according to calculation procedure. .-
Repeated exposure may cause skin dryness or cracking. .-

12. Ecological information .-

Water hazard class (HongKong): 2 .-
Self classification: Yes (VwVwS) .-
Persistence and degradability: Potentially biologically degradable. .-
Behaviour in sewage plants: Problems not expected when used .-
correctly. .-
Accosding to the recipe, contains no AOX. .-
Aquatic toxicity: n.v. .-
Ecological toxicity: n.v. .-
* Kerosine (petroleum) .-

13. Disposal considerations .-

13.1 for the material / preparation / residue .-

EC disposal code no.: .-
The waste codes are recommendations based on the scheduled use of this product. .-
Owing to the user's specific conditions fopr use and disposal, other waste codes may be allocated under certain circumstances. .-
07 06 99 wastes not otherwise specified .-
12 01 14 machining sludges containing dangerous substances .-
Recommendation: .-
Pay attention to local and national official regulations .-
E.g. suitable incineration plant. .-
E.g. dispose at suitable refuse site.
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13.2 for contaminated packing material
See point 13.1
Pay attention to local and national official regulations.
Uncontaminated packaging can be recycled.
Dispose of packaging that cannot be cleaned in the same manner as the substance.

14. Transport information
General statements
UN-Number: n.a.

Road / Rail-transport (ADR/RID)
Class / packing-group: n.a.
Classification code: n.a.
LQ: n.a.

Transport by sea
IMDG-code: n.a. (class/packing-group)
Marine Pollutant: n.a.

Transport by air
IATA: n.a. (class/secondary danger/packing-
group)

Additional information:
Non-dangerous material according to Transport Regulations.

15. Regulation information
Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)
Symbols: Not applicable
Indications of danger: ---
R-phrases: ---
S-phrases: ---
Additions:
Safety data sheet available for professional user on request.
Observe restrictions: n.a.

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16. Other information
These details refer to the product as it is delivered.
Storage class VCI (HONGKONG): 10-13
Revised points: n.a.
The following phrases represent the prescribed R-phrases for the ingredients (designated in point 2).
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.

Legend
n.a. = not applicable / n.v. = not available / n.g. not checked
MEL = Maximum Exposure Limit / OES = Occupational Exposure Standard / BMGV = Biological monitoring guidance value
WGK = water hazard class (Hongkong) – WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water
AOX = Adsorbable organic halogen compounds
VwVwS = Administrative Order relating to substances hazardous to water(HongKong)
These statements were made by:

MENSENA (HONGKONG) INTERNATIONAL CO.,LTD

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.