



Super Polish Safety data sheet

According to EG order nr. 1272/2008 art. 31

Page 1 of 4

reworked: 02.10.2015

1. Substance / preparation and company name

Details on the product

name: Super Polish
supplier: HS-Cleaner Werner Krauter GmbH
Siemensstraße 2-5, D-73037 Göppingen
Tel: 07161 / 9383-123 Telefax: 07161 / 9383-1355
Emergency information: see above

2. Composition / Details on components

Chemical characterisation:

Aqueous preparation from sauten components and auxiliary materials

Dangerous content substances:

| CAS-Nr: | description | WT -% | classification | R-sentences |
|-----------|--------------|-------|----------------|-------------|
| 7664-38-2 | | | | |
| 7664-93-9 | mineral acid | <60 | C | R34-35 |

3. Possible dangers of the preparation

Hazard description: C corrosive
Special explanation of dangers for human and environment: causes erodes
Water endangering class: 1



GHS05 headword: danger
H290 can corrosive with metal
H314 to cause heavy chemical burns and heavy and eye damaged

4. First-Aid-measures

General explanation: change moistened clothes
After skin contact: wash off with water and soap
After eye contact: wash eyes for a longer time thoroughly
After swallowing: do not cause any vomiting
Consult a doctor immediately



Super Polish Safety data sheet

According to EG order nr. 1272/2008 art. 31

Page 2 of 4

reworked: 02.10.2015

5. **Measures for fire-fighting**

Suitable deleting means: C02, sand, deleting powder
For safety reasons:
Unsuitable deleting means: water
Endangering specially by the substance, its waste products of combustion or arising gasses:: In the fire case formation of poisonous gasses.
Special protective equipment: additional explanation:
cool down the endangered containers with jet of water.

6. **Accidental release measures**

Person drawee precautions:: Wear protective clothing
Environmental precautions:: Not letting electrolyte reach the sewage system, waters and soil.
Method of cleaning up / admission: Soak up with innered absorbent material
Disposing of contaminated material duly

7. **Handling**

Indications for secure dealing: storage in well locked packages cool and dryly
Only use in areas ventilated well
Indications for the fire and explosion protection:
Storage: No storage with alcalic materials
Demands on stocks and containers: keep containers locked

Using only containers which are allowed especially for the substance/the product.
Providing an acid-resistant floor.
Storage class: VCI: 8
Ordinance over combustibile liquids-class: none

8. **Exposure controls and personal protection**

Technical protective measures: No further details (show Point 7)

Components with limiting values-related job to be supervised:

No MAK value fixed (TRGS900):

Personal protection equipment::

General protection and hygiene notes..
Keeping away from food and drinks.
Wash hands before tracing and after end of work.
Respiratory protection: At aerosol formation
Hand protection: impermeable protective gloves
Eye shield: Safety goggles



Super Polish Safety data sheet

According to EG order nr. 1272/2008 art. 31

Page 3 of 4

reworked: 02.10.2015

9. Physical and chemical qualities

Form: liquid
Colour: colourless
Smell: neutral

| | Value data | unit | method |
|------------------------|-------------|--------------------|-------------------|
| Fire point:: | n.a | °C | |
| Viscosity: | n.b | mm ² /s | |
| Density: by 20°C | 1.35 | | g/cm ³ |
| Lower Ex-limit: | n.a | Vol. % | |
| Upper Ex.limit: | n.a. | Vol. % | |
| Solubility into water: | soluble | | |
| Condition change: | | | |
| Pourpint: | n.a | °C | |
| Boiling point: | >100 | °C | |
| Steam pressure by 20°C | n.b. | | mbar |
| PF-value data by 20°C | strong acid | | |

10. Stability and reactivity

Conditions to be avoided:
Substances to be avoided: base
Dangerous decomposition products: No decomposition with intended application

11. Details on toxicology

Classification is carried out according to a conventional method
Additional toxicological notes:
In the case of appropriate handling and intended use the product does not cause effects injurious to health.

Signs and symptoms:

Longer or repeated contact with the product impairs the natural skin back greasing and leads to draining the skin. Product splashes can cause provoking to the eye and reversible damage

12. Details on ecology

Endangering water class: 1 (Self classification)
Concentrate into drains, waters and soil to arrive do not leave.

13. Indication for the disposal

Product Recommendation: Not having reached the sewage system
not disposing together with domestic garbage untreatedly
Disposing normally after neutralization on /(pH) 7.
52102 organic acids

Waste key:
Uncleaned packing:
Recommendation: Empty containers have to be disposed in accordance with the official regulations



Super Polish Safety data sheet

According to EG order nr. 1272/2008 art. 31

Page 4 of 4

reworked: 02.10.2015

14. details on the transportation: Transport only according to the transportation regulations for road

| | |
|--------------------------------------|---|
| | (ADR),rail (RID), see (IMDG) u. Air (ICAO/IATA) land transport ADR/RID and GGVS/GGVE (international/national) |
| ADR/RID-GGVS/E Class: | 8 |
| Figure / letter: | 17c |
| UN-number: | 1805 |
| Designation of the property contains | See ship transport IMDG / GGVS-see |
| IMDG / GGVS see-class: | 8 PG 8204 |
| EmS-Nr.: | 8-08 MFAG 700 |
| Marine pollutant | no |
| UN-number: | 1805 |
| Correctly technic. name | |
| Packaging group: | III |

15. Regulation

Identification to EU guidelines (Hazardous materials ordinance)

Classification letter and danger name of the product: acidly
Danger-determining components for labeling: Phosphoric acid

| | | |
|--------|-------|--|
| R-Set: | 34/35 | Chemical burn |
| S-Set: | 24/25 | Avoid eye- and skincontact |
| | 26 | Contact with the eyes thoroughly rinse off with water and consult a doctor . |
| | 36/39 | wear protective clothing and a face mask during the work |

Special identification:

National regulations
Hazardous materials ordinance
Classification after GefStoffV: Appendix II Nr: (only at deviation of EU classification)

Indications for the occupation restriction:

Incident regulation: n.a.

Data after the water conservation law
Water endangerment class:1

Data to the immission control:

TA-air: Class I: 0% class II: 0% class III: 0%



**Super Polish
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According to EG order nr. 1272/2008 art. 31

Page 5 of 4

reworked: 02.10.2015

Classification to VBF: n.a.

Employers regulations according to industrial medicine principles and employment regulations e.g. according to industrial medicine

16. Other details

The details in this safety data sheet are based on today's stand of our knowledge the national as well as the EU legislation one. The user is responsible for the compliance with all necessary legal regulations The safety requirements describe ours to the details in this safety data sheet. Product and not represent any assurance of product qualities