

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

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

Trade name: **INOX Protect**

Use of the preparation: Cleaning and caring agent for stainless steel and other kind of surfaces.

Supplier: **Gerd Eisenblätter GmbH**

*Jeschkenstraße 10
82538 Geretsried
Telefon: + 49 (0) 8171/9384-0*

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2. Composition / Information on ingredients

Chemical characteristics:

Aqueous cleaner.

Ingredient list (acc. to 648/2004/EC)

15 – 30 %: aliphatic hydrocarbons

less than 5 %: non-ionic surfactants

Name	EINECS	Weight	Labelling
Ocenol, ethoxylated, propoxylated	--	< 5 %	Xi, N, R 38, 50

The text of the R-phrases is shown in section 16.

3. Hazards identification

Preparation is classified as non-hazardous in the sense of directive 1999/45/EC

4. First aid measures

General instructions	: Change saturated clothing
In case of inhalation	: n.a.
In case of skin contact	: Wash off with water and soap, cream
After contact with eyes	: Rinse eyes thoroughly with water, consult physician
After ingestion	: Rinse out mouth with water and give plenty of water to drink Summon physician.

5. Fire-fighting measures

Suitable extinguishing media	: all extinguishing media possible
Extinguishing media that must not be used	:
Liberating gases	: In the event of fire the following can be released: carbon oxides and sulphur oxide
Protective equipment	: Wear full protective clothing self-contained breathing apparatus.

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6. Accidental release (Spill containment measures)

Precautions for person : danger of skidding after spillage/leakage
 Environmental precautions : Do not discharge into drains undiluted
 Cleaning / Take-up-processes : take up residues with absorbent material, rinse with large quantities of water

7. Handling and storage

Handling:
 Instructions for safe handling : keep containers tightly closed.
 Storage:
 Requirements for storage rooms: protect against sub-zero temperatures in original packing
 Storage class VCI : 12

8. Exposure 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.

Ingredients with limiting values to be controlled:

Name	EINECS	Type	mg/m ³	ml/m ³
2-monoethanolamine	205-483-3	MAK, 8h	5.1	2

(The product contains less than 1 % monoethanolamine).

Hand protection : Wear protective gloves (EN 374) in case of longer lasting skin contact (i.e. made from nitrile rubber, thickness: 0.4 mm, permeation time: 480 min)
 Eye protection : Wear suitable safety goggles in case of splash (EN 166)
 General protection and hygienic measures : Wash hands before break and after work. Remove contaminated clothing. Pay attention to the generally hygiene in the workplace instruction.

Additional information on hand protection: No tests have been performed.

Selection made for preparations according to the best available knowledge and information on ingredients. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use.

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9. Physical and chemical properties

Form : liquid
Colour : white
Odour : mild

Safety relevant data:

Boiling point : 95°C
Melting point : 0°C
Flash point : n.a.
Ignition temperature : n.a.

Explosion hazard

lower explosion limit : n.a.
upper explosion limit : n.a.

Density : ~ 0.92 g/ml
Solubility : soluble
pH (100 g/l H₂O, 20°C) : ~ 11.5
Viscosity : n.a.

10. Stability and reactivity

Thermal decomposition : No hazardous decomposition products known when use as directed.
Hazardous reactions : No hazardous reactions known.
Hazardous decomposition products : No hazardous decomposition products known.

11. Toxicological information

Toxicological effects : no data available
Sensitization : no data available
Further information : classification according to calculation procedure
Local effects : slight irritation to eyes possible

12. Ecological information

Behaviour in sewage plants : The product does not cause any disruptions of sewage plants. The surfactants in the product are > 90 % biodegradable.
Contains no phosphates. According to the recipe, contains no AOX.

13. Disposal considerations

Advises : Dispose of in compliance with federal, state and local environmental regulations. Take liquid to a sewage plant (consider pH-value).
EC disposal code no. for the preparation : 07 06 01 Aqueous washing liquids and mother liquors
20 01 30 Detergents other than those mentioned in 20 01 29
EC disposal code no. for contaminated packaging : 15 01 02 Plastic packaging

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14. Transport information

Land transport	: Dangerous goods regulations acc. to ADR/RID not applicable
Inland waterways transport	: Dangerous goods regulations acc. to ADB/ADNR not applicable
Sea transport	: Dangerous goods regulations acc. to IMDG/GGVSee not applicable
Aircraft transport	: Dangerous goods regulations acc. to ICAO/IATA not applicable

15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC-Directives (67/548/EEC and 199/45/EC)

Labelling : The product does not require a hazardous warning label in accordance with EC-regulations and the relevant national laws.

Hazard symbols : n.a.

National regulations:

Water hazard class : 1 (self-classification acc. to VwVwS)

(German only) : i.e. slightly hazardous to water

VOC 1999/13/EC : 0 %

Other regulations : The surfactants complies with the biodegradability criteria as laid down in regulation (EC) no. 648/2004 on detergents.

16. Other information

Wording of the R-phrases specified in chapter 2 (not the classification of the preparation)

R 38: Irritating to skin

R 50: Very toxic to aquatic organisms

n.a. = not applicable

The information given is based on current knowledge. Products are described in term of their safety data. The data does not signify any warranty with regard to the products properties.

The product should only be used for the stated application or applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet.

Further information relating to the use of the product can be obtained from the technical datasheets.