

Material safety data sheet according 91/155/EWG

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1. Chemical product and company identification

Trade name: **INOX Protect**

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

2. Composition/information on ingredients

Chemical characteristics:

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

15 – 30%: aliphatic hydrocarbons / less than 5%: non-ionic surfactans

Name	CAS-no.	Weight %	Labelling
Ocenol, ethoxylated, propoxylated	—	< 5 %	Xi, N, R 38,50

3. Possible risks

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 :

6. Accidental release measures

Environmental precautions : do not discharge into drains undiluted.

Cleaning/Take-up-processes : take up residues with absorbent material, rinse with large quantities of water

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7. Handling and storage

Handling:

Instructions for safe handling : keep containers tightly closed

Storage:

Requirements for storage rooms: protect against sub-zero temperatures

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; 8 hours	5,1	2

Hand protection : protective gloves made from chloroprene, thickness: 0,8 mm, permeation time: 120 min or nitrile, thickness: 0,4 mm, permeation time: 480 min. (EN 374)

Eye protection : wear suitable safety goggles in case of splash (EN 166)

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.

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 : ~ 0,95 g/ml

Solubility : soluble

pH-value : ~ 11,5

Viscosity : n.a.

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10. Stability and reactivity

Hazardous reactions : No hazardous reactions known.
Hazardous decomposition products : No hazardous decomposition products known.
Thermal decomposition : Stable up to boiling point.

11. Toxicological information

Toxicological effects : no data available
Sensitization : no data available
Further information : classification according to calculation procedure
Local effects : Irritation of eye and skin possible

12. Ecological information

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

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.
Wastes from manufacture, formulation, supply and use of fats, grease, detergents, disinfectants and cosmetics
Aqueous washing liquids and mother liquors
(The waste code are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.)
for contaminated packaging :15 01 02 Plastic packaging

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

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15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC-Directives (67/548/EEC and 1999/45/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 %

16. Other information

Wording of the R-phrases specified in chapter 2 (not the classification of the preparation)
R 38: Irritation to skin
R 50: Very toxic to aquatic organisms

This information is based on our present state of knowledge. They describe our product in view of the requirements for safety. They do not assure of certain properties of the product. A legal relationship is not vested. Duplication without changes of the original version is allowed.