



CLEANOX 2
Safety data sheet
According to 91/155/EWG
Page 1 of 4

reworked: 08.09.2015

1. Substance/preparation- and company name.

Details on the product

name: Cleanox 2
supplier: HS-Cleaner Werner Krauter GmbH,
Siemensstraße 2-5, D-73037 Göppingen
telephone: 07161 / 9383-123, Telefax 07161 / 9383-1355
emergency information: see above

2. composition/details on components.

Chemical characterisation:

Watery preparation from weak acidic components
and auxiliary materials.

Dangerous content substances:

CAS-Nr:	description	Wt-%	classification
7664-38-2			
7664-93-9	mineral acid	1 - 11	C R34-35

3. Possible dangers of the preparation.

Hazard description: corrosive
Special explanation of dangers:
For human and environment Irritates the eyes and the skin
Water endangering class: 1
Corrosiveness to metal: H290



Identifikation (\leq 125ml)
(67/548/EWG or 1999/45/EG)

4. First-Aid measures

General explanation: change dirty clothes
After skin contact: rinsing off with water and soap
After eye contact: Washing eyes with water for long time
thoroughly.
After swallowing: Not causing any vomiting.
consult a doctor immediately



CLEANOX 2
Safety data sheet
According to 91/155/EWG
Page 2 of 4

reworked: 08.09.2015

5. Fire-fighting measures

Suitable deleting means.: the product is not flammable
For safety reasons
Unsuitable deleting means: full jet of water
Endangering specially by the substance, its waste products of combustion or arising gasses: may built up SO₂, H₂S
Special protective equipment: Carrying air recycling dependent breathing apparatus.
Special dangers: At contact with metals can form hydrogen gas (danger of explosion!)

6. Accidental release measures

Person drawee precautions.: Keep unprotected persons away
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.: Wear protective clothing
Avoid the formation of aerosols
Indications for the fire and explosion protection:
No special measures required
Storage: Keeping containers locked thick at room temperature and store it at a place that is ventilated well and dryly.
Acid-resistantly floor, don't use metal containers.
Further details: Offering protection against frost



CLEANOX 2
Safety data sheet
According to 91/155/EWG
Page 3 of 4

reworked: 08.09.2015

8. **Exposure controls and personal protection**

Technical protection measures: See point 7
Personal protection equipment:
General protection and hygiene explanations:
Avoid direct eye contact, do not eat, drink or smoke during the work
Before the breaks and after finishing work wash your hands.
Respiratory protection: At aerosol formation
Hand protection: Impermeable protective gloves
Eye protection: Safety goggles
Body protection: Adequate working clothes/
protective clothing.

9. **physical and chemical attributes**

Form: liquid
Colour: physically colourless, clear till pale yellow
Aroma: Aromaless
Flaming point: not appointed
Density: at 20° C 1,072 g/cm³
Solubility into water.: soluble
Boiling point: 158° C
Steam pressure at 20° C 0,22 mbar
PH-value at 20° C weak acidic

10. **Stability and reactivity**

to avoiding conditions: avoid strong warming
to avoiding substances: metals, alkalis, metal oxides
Dangerous products of decomposition: No decomposition at application as
agreed.

Further details: In compatible with
iron-bearing connections steel,
aluminum and its connections.



CLEANOX 2
Safety data sheet
According to 91/155/EWG
Page 4 of 4

reworked: 08.09.2015

11. **Details on toxicologie**

Irritancies to skin and eyes.

12. **Details on ecology**

Water endangering class: 1 (self-classification)
Not letting condensed extract reach the sewage system, waters and soil.

13. **Details on disposal**

Product recommendation:
Not letting it reach the sewage system
Disposing not together with domestic garbage
Disposing normally after neutralization on / (pH) 7.
Disposal key: Waste no. 060106 not halogenous organic acids.

14. **Details on transport**

No obligation duties according to the transport Regulation

Not listed
UN- Number: 3264
class: 8
Packaging group: III
Tunnel restriction code: E
ADN-not relevant

IATA = lookADR/RID

15. **Regulations**

Identification according to the hazardous materials ordinance: corrosive
Besondere Kennzeichnung: No obligation duties on preparation
Water endangering class: 1 (self-classification)
R-sentences: corrosive
VBF: Not listed

16. **Other details**

The details in this safety data sheet are based on today's stand of our knowledge and serve to describe the product with regard to the safety precautions to be taken. They don't represent any assurance of product qualities, however, and don't give reasons for any contractual facts of the case.