



# EG / ISO Sicherheitsdatenblatt Safety Data Sheet

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## 1. Identification of the substance /preparation

### Identification of the substance or preparation:

Name of product: **AUTOSOL® Water-Line Cleaner**

### Manufacturer/distributor identification

#### Dursol-Fabrik

Martinstraße 22                      Postfach 190210  
D 42655 Solingen                      D 42702 Solingen  
Germany                                  Germany  
Tel: +49 (0)212 2718-0                  Fax: +49 (0)212 208795

Emergency phone: +49 (0)212 2718-0

**Not Hazardous according to the Criteria of Worksafe Australia  
14 October 2009**

## 2. Composition / information on ingredients

### Chemical characterisation (substance):

#### Aqueous solution with:

surfactants, organic and inorganic acids

#### Hazardous Ingredients:

oxalic acid CAS-No.: 144-62-7	< 5%	Xn    R 21/22
hydrofluoric acid CAS-No.: 7664-39-3	< 0,1%	T <sup>+</sup> , C    R 26/27/28-35

## 3. Possible hazards: unknown

## 4. First aid measures

**Eye contact:** In case of contact with eyes rinse thoroughly with plenty of water and seek



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medical advice.

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## AUTOSOL® Water-Line Cleaner

### 5. Fire-fighting measures

**Suitable extinguishing material:** no special materials are necessary

**Extinguishing material that must not be used for safety reasons:** none

**Special exposure hazards extinguishing from the substance or preparation itself, combustible products or resulting gases:** unknown

**Special protective equipment for fire-fighters:** none

### 6. Accidental release measures

**Personal precautions:** Refer to section 8 of SDS for personal protective details

**Methods for cleaning up / taking up:** Take up with absorbent material.

### 7. Handling and storage

**Advice on storage conditions:** Storage is according to german regulation like Water hazard class 1 (slightly endangerous for water).

**Advice on safe handling:** Not necessary when used according to instruction.

**Advice on protection against fire and explosion:** Not necessary when used according to instruction.

### 8. Expose controls/ personal protection

**Ingredients with occupational expose limits to be monitored:**

		MAK
oxalic acid	< 5%	1E mg/m <sup>3</sup>
CAS-No.: 144-62-7		
hydrofluoric acid	< 0,1%	3 ppm / 2 mg/m <sup>3</sup>
CAS-No.: 7664-39-3		

**Personal protection equipment:** Hand and eye protection is recommended for intensive use over longer periods.

**Hygiene measure:** Keep away from food and drink.

## AUTOSOL® Water-Line Cleaner

### 9. Physical and chemical properties

**Form:** Liquid  
**Colour:** green  
**Odour:** lemon like

**Changes in physical state:** **melting point** below 0°C  
**boiling range** from approx. 100°C

**Flash point:** none below 100°C DIN 51758  
**Density (20°C):** 1,0 g/ml  
**Solubility in water:** mixable  
**pH-Value (10g/l water):** 2,5  
**Viscosity:** high viscous

### 10. Stability and reactivity

**Hazardous decomposition products:** unknown

### 11. Toxicological information: unknown

### 12. Ecological information:

**German national legislation:**  
**Water hazard class (self-assessment):** WGK 1 (slightly endangerous for water)

### 13. Disposal considerations

**European legislation:**  
EWC-Code: 07 06 99 n.o.s.

### 14. Transport information

**UN-No:** not classified  
**GGVSee / IMDG-Code:** not classified  
**GGVE / GGVS and RID / ADR:** not classified  
**ICAO / IATA-DRG:** not classified

## AUTOSOL® Water-Line Cleaner

### 15. Regulation information

**Labelling:** Xn, Harmful  
Contains: oxalic acid

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed

S 2 Keep out of the reach of children

S 13 Keep away from food, drink and animal feedingstuffs

S 24/25 Avoid contact with skin and eyes

S 46 If swallowed, seek medical advice immediately and show this container or label.

**Classification according to VbF / remarks:** none

**Water hazard class (self-assessment):** WGK 1 (slightly endangerous for water)

### 16. Other information:

Wording of the under point 2 listed R-sentences:

R 21/22 Harmful by inhalation and in contact with skin.

R 26/27/28 Very toxic by inhalation, in contact with skin and if swallowed.

R 35 Causes severe burns.

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.