

# Skalflex Basic Cleaner

## Safety data sheet

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### 1. Identification of substance/preparation and manufacturer

Product name: Skalflex Basic Cleaner

Product No. 1341932

Application: Cleaning agent

Packaging: 1 litre bottle

Manufacturer: SKALFLEX A/S

Industrivej 20b

DK-8800 Viborg

Tel. +45 8661 2299 Fax +45 8661 2199

email: mail@skalflex.dk

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### 2. Composition/information on ingredients

Ingredients	weight%	CAS No.	EINECS	classification
Sodium hydroxide	<1	1310-73-2	215-185-5	C; R35
Disodium silicate	<2	6834-92-0	229-912-9	C;Xi;R34-37
Sodium xylene sulfonate	<2	1300-72-7		Xi;R36
Fatty alcohol ethoxylate	<2	68439-46-3		Xn;Xi;R22-36/38
Butyl glycol	<2	111-76-2	203-905-0	Xn;Xi;R20/21/22-37

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### 3. Hazards identification

The product has been classified as an irritant

The product is irritating upon skin and eye contact

Contains organic solvent. Prolonged contact can irritate skin. Substance in eyes will cause irritation.

Code No.: 00-3 (1993)

Ready mixture (see item 15): 00-1 (1993)

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### 4. First-aid measures

Inhalation:

Seek fresh air. In case of discomfort, get medical assistance.

**Skin contact:**

Remove contaminated clothes/shoes. Wash off skin in plenty of water and soap. If irritation persists, get medical assistance.

**Eye contact:**

Open eyelids widely and rinse eye with plenty of water for at least 15 minutes. Remove any contact lenses. Continue rinsing with water until doctor begins treatment. If irritation persists, get medical assistance.

**Ingestion:**

Rinse mouth thoroughly and let victim drink plenty of water. DO NOT induce vomiting. If discomfort persists, get medical assistance.

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**5. Fire fighting measures**

The product is not flammable.

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**6. Accidental release measures**

Use absorbent agent to absorb spill. Capture mixture in suitable containers for disposal (see item 3). Rinse area with water. Wash away small spills with water. For personal protection equipment, see item 8.

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**7. Handling and storage**

Provide access to eye rinser and running water in the area. See item 8 for personal protection equipment. Keep out of reach of children in closed original container.

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**8. Exposure controls/personal protection**

Code No.: 00-3 (1993) Ready mixture: 00-1 (1993)

The following contents are subject to disclosure regulations and have exposure limits in accordance with executive order C.0.1, 2005:

Sodium hydroxide: 2mg/m<sup>3</sup>  
Butyl glycol: 20ppm 98mg/m<sup>3</sup>

If necessary, the following personal protective equipment is recommended:

Respiratory protection: -  
Gloves: Rubber/Neoprene and protective clothing  
Eye protection: Goggles/guard, if necessary  
Hygiene: Immediately change soaked clothes

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**9. Physical and chemical properties**

Appearance:	Colourless liquid	Solubility in water	
		Completely	
Odour	Odourless	Distribution coefficient	*
pH	12-13	Flash point	*
Boiling temperature	100°C	Auto ignition temperature	*
Melting temperature	*	Explosive limit	*
Steam pressure	*	Viscosity	same as water
Bulk density	Approx. 1	Other	*

**\*: no data or not relevant**

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**10. Stability and reactivity**

Stable under normal conditions. Can produce strong reaction with acids in case of heat generation.

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**11. Toxicological information (properties posing a risk to human health)**

Inhalation:

Inhalation of aerosol mist can cause irritation to airways.

Skin contact:

Can cause irritation to skin. Organic solvents dry the skin. Organic solvents can be absorbed through the skin.

Eye contact:

Splashing in eyes will cause irritation.

Ingestion:

Ingestion may cause abdominal pain and vomiting. Chemical pneumonia can occur if solvents enter lungs due to vomiting.

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**12. Environmental information (on contents)**

Sodium hydroxide: Discharge of large amounts to the water environment can cause changes in pH.

Fatty alcohol ethoxylate: 100% biodegradable in accordance with EU regulation. (DOC=80% BOD 28/COD: 0.56) Fish toxicity: LC 50 (rainbow trout 96t: 23.7mg/l EC 50) (Daphnia Magna) 48t: 13.4 mg/l. Discharge of

substance directly into the environment is dangerous to fish. Easily eliminated by passage through water treatment plant where non-toxic decomposition products are formed.

Butyl glycol: Good biodegradability: above 70%

Immediate toxicity: Fish (Golden carp): LC50 1395-1575mg/l  
Daphnias (Daphnia Magna): EC50 1815mg/l  
Toxic limit concentration for pseudomona putida:  
700mg/l

Sodium xylene sulfonate: Biodegradability: >90% (82/243/EEC Directive)

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### 13. Disposal considerations

The product is considered hazardous waste. Dispose of spills and residues according to municipal guidelines, e.g. at a municipal chemical waste receiving facility.

European Waste Catalogue Code (EWC Code): 07 06 04

If disposed of at *Kommunekemi* (plant for disposing of hazardous waste), indicate chemical waste group: 01.11 H

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### 14. Transport information

Not classified as dangerous goods for transportation.

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### 15. Regulatory information

Hazard label on container:

Irritant (Xi)

Hazard label:

Code No. 00-3 (1993)

R-phrases: R36/38 Irritating to eyes and skin

S-phrases: S2 Keep out of the reach of children; S20 When using do not eat or drink;  
S24/25 Avoid contact with skin and eyes; S26 In case of contact with eyes, rinse immediately with plenty of water and get medical advice; S37 Wear suitable gloves

Other labels:

Product No.: 1341932

Code number for ready mixture: 00-1 (1993)

The label "Irritant R36/38" is void for ready mixtures at 1:10 ratios.

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**16. Other information**

Butyl glycol appears on the list of recommended organic solvents from the Danish Working Environment Authority.

Full text for R-phrases, item 2:

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

34- Causes burns

35- Causes severe burns

36/38- Irritating to eyes and skin

37- Irritating to respiratory system

Application limitation: Not to be used by persons under 18 years of age (apprentices excepted)

Requirements for special training: None

In addition, the product is subject to the following special executive orders:

Order on work with code-numbered products, no. 302 of 13 May 1993.