

Safety data sheet

According to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 17.08.2012 Supersedes edition of: 12.04.2012

SECTION 1: Identification of the substance / mixture and of the company / undertaking

1.1 Product identifier

Product name: Sanifix Fantastic

1.2 Relevant identified uses of the substance or mixture and uses advised against

Sanitary cleaner

1.3 Details of the supplier of the safety data sheet

Company: Otto Oehme GmbH
 Industriestraße 20
 D-90584 Allersberg Deutschland
 Tel. +49 9176 98050
 info@oehme-lorito.de

1.4 Emergency telephone number

Poison Control Center Nuremberg, Tel. + 49 911 398 2451

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Xi Irritant R 36/38

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Symbol: Xi Irritant

R-phrases: 36/38

Irritating to eyes and skin.

S-phrases: 26-36/37/39-45

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

2.3 Other hazards

Not known.

SECTION 3: Composition / information on ingredients

Solution in water.

Product name: Sanifix Fantastic
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Hazardous components

Name according to EC-Directives:

CAS-No.	EC-No.	EC-Index-No.	Labelling according to EC-Directives	Content
Methanesulfonic acid 75-75-2	200-898-6	607-145-00-4	C R 34	1 – <10 %
REACH Registration Number: 01-2119491166-34-0000				
Isotridecanol, ethoxylated 69011-36-5	NLP 500-241-6		Xn R 22-41	<5%
REACH Registration Number: 02-2119552461-55-0000				

Full text of R-Phrases: see under section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures**

After inhalation: Fresh air. Call in physician if feeling unwell.

After skin contact: Wash off with plenty of water. Swap with polyethylene glycol 400. Immediately remove contaminated clothing. Consult a physician if skin irritations occur.

After eye contact: Rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist immediately.

After swallowing: Make victim drink plenty of water (two glasses at most), avoid vomiting (risk of perforation). Immediately call in physician. Do not attempt to neutralise.

4.2 Most important symptoms and effects, both acute and delayed

Irritation and corrosion, Cough, Shortness of breath, Dizziness, Nausea, Vomiting, Headache Risk of blindness!

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media***Suitable extinguishing media*

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance / mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Not Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for firefighters*Special protective equipment for firefighters*

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Further information

Prevent fire-fighting water from entering surface water or groundwater.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Caution: Risk of slipping.

Do not inhale vapours/aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

6.2 Environmental precautions

Do not allow to enter sewerage system.

6.3 Methods and material for containment and cleaning up

Take up with incombustible liquid-absorbent material. Forward for disposal. Clean up affected area.

6.4 Reference to other sections

Indications about waste treatment see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling***Notes for safe handling*

Ensure adequate ventilation. Avoid contact with skin and eyes. Do not inhale vapours/aerosols. Avoid generation of vapours/aerosols. See section 8.

Notes for prevention of fire and explosion

Not required.

7.2 Conditions for safe storage, including any incompatibilities

Store cool above 5 °C. Keep away from sun and heat.
Tightly closed in a well-ventilated place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Contains no substances with occupational exposure limit values.

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8.2 Exposure controls*Individual protection measures*

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye / face protection:

Tightly fitting safety goggles (EN 166).

Hand protection:

Glove material: Nitrile rubber.

Details on the penetration time have to be asked by the manufacturer.

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374.

Other protective equipment

Acid-resistant protective clothing.

Respiratory protection:

Required when vapours/aerosols are generated. Filter A2 P2 (EN 14387).

Hygiene measures

Change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form:	liquid
Colour:	red
Odour:	perfumed
pH value	1
Melting point	not specified
Boiling point	not specified
Ignition temperature	not applicable
Flash point	not applicable
Explosion limits	not applicable
lower	not applicable
upper	not applicable
Density (23 °C)	1.0 g/cm ³
Viscosity, dynamic	not specified
Solubility in water	soluble

9.2 Other information

None.

SECTION 10: Stability and reactivity**10.1 Reactivity**

See section 10.3.

Product name: Sanifix Fantastic
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10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions

Violent reactions possible with:

Strong alkalis, oxidizing agents, strong reducing agents, amines, hydrogen fluoride, acids.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Lead, iron, copper, brass, mild steel.

10.6 Hazardous decomposition products

See section 5.

SECTION 11: Toxicological information**11.1 Information on toxicological effects***Acute oral toxicity*

LD₅₀ rat: 200 mg/kg (RTECS; Methanesulfonic acid)

Symptoms: If ingested, severe burns of the mouth and throat, as well as danger of perforation of the oesophagus and the stomach.

LD₅₀ rat: 500 - 2000 mg/kg (OECD 423; Isotridecanol, ethoxylated)

Acute dermal toxicity

LD₅₀ rabbit: 200 – 2000 mg/kg (IUCLID; Methanesulfonic acid)

Acute inhalation toxicity

Symptoms: Shortness of breath, cough, burns of mucous membranes. After a latency period: Lung oedema.

Skin irritation

Causes burns (external MSDS; Methanesulfonic acid).

Rabbit: No irritation (OECD 404; Isotridecanol, ethoxylated).

Eye irritation

Rabbit: Causes burns. (IUCLID; Methanesulfonic acid).

Causes serious eye damage. Risk of blindness!

Rabbit: Eye irritation (OECD 405; Isotridecanol, ethoxylated).

Sensitisation

Sensitisation test (Bühler-test Guinea pig): Negative (external MSDS; Methanesulfonic acid).

Genotoxicity in vitro

Mutagenicity (mammal cell test): Micronucleus: Negative (OECD 474; Methanesulfonic acid).

Ames test: Salmonella typhimurium: Negative (OECD 471; Methanesulfonic acid).

Specific target organ toxicity – single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

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Specific target organ toxicity – repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard

No aspiration toxicity classification.

11.2 Further information

Systemic effects: Nausea, vomiting, dizziness, headache.

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

SECTION 12: Ecological information**12.1 Toxicity****Toxicity to fish**

Oncorhynchus mykiss LC₅₀: 10-100 mg/l /96 h (OECD 203; Methanesulfonic acid)
Leuciscus idus LC₅₀: 1-10 mg/l /96 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to daphnia and other aquatic invertebrates

Daphnia magna EC₅₀: 1.7 mg/l /24 h (IUCLID; Methanesulfonic acid)
Aaquatic invertebrates: Selenastrum capricornutum EC₅₀: 10-100 mg/l /48 h (OECD 202; Methanesulfonic acid)
Aaquatic invertebrates: EC₅₀: 1-10 mg/l /48 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to algae

EC₅₀: 10-100 mg/l /72 h (OECD 201; Methanesulfonic acid)
EC₅₀: 1-10 mg/l /72 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to bacteria

Activated sludge: EC₁₀: >10000 mg/l /17 h (DIN 38412 (8); Isotridecanol, ethoxylated)

12.2 Persistence and degradability**Biodegradability**

The surfactants contained in this preparation complies with the Biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.
Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Biodegradation: >99 % / 28 d (external MSDS; Methanesulfonic acid).
Readily biodegradable (Methanesulfonic acid).
Biodegradation: >60 % / 28 d (OECD 301B; Isotridecanol, ethoxylated)
Readily biodegradable (Isotridecanol, ethoxylated)

12.3 Bioaccumulative potential

Partition coefficient: n-octanol / water: log P_{OW}: -2.38 (external MSDS; calculated; Methanesulfonic acid).
No bioaccumulation is to be expected (Methanesulfonic acid).

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12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT / vPvB assessment not available as chemical safety assessment not required / not conducted.

12.6 Other adverse effects*Additional ecological information:*

Biological effects: Forms corrosive mixtures with water even if deluted.

COD: 2.1 g/g (external MSDS; Isotridecanol, ethoxylated).

Do not allow to enter waters, waste water, or soil!

SECTION 13: Disposal considerations**13.1 Waste treatment methods***Product:*

Chemicals must be disposed of in compliance with the respective national regulations.

Code of the waste

Name according to directive 2000/532/EC:

200129*

detergents containing dangerous substances.

070601*

aqueous washing liquids and mother liquors.

Packaging:

Product packaging must be disposed of in compliance with the country-specific regulations or must be to a packaging return system.

Code of the waste

Name according to directive 2000/532/EC:

200139

plastics.

SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture***EU regulations*

Ingredients according to Regulation (EC) on detergents No. 648/2004:

Non-ionic surfactants: <5 %

Perfumes. Coumarin, Lilial.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

SECTION 16: Other information

Reason for alteration:

General update.

SECTION 3: Composition / information on ingredients

Text of any R phrases referred to under section 2 and 3:

22 Harmful if swallowed.
34 Causes burns.
41 Risk of serious damage to eyes.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.