

Safety data sheet

According to Regulation (EC) No. 1907/2006 (REACH)
Date of issue: 02.02.2016 Supersedes edition of: 21.10.2015

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

1.1 Product identifier

Product name: Saniforte AS 10 Plus

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

GIZ Nord Poisons Center, Göttingen Tel. +49 (0) 551 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2, H319

Full text of hazard statements: See under section 16.

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

--- --- ---

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

2.2 Label elements

Labelling (Regulation (EC) No. 1272/2008)

Hazard pictograms:



Signal word:

Warning

Hazard statements:

H319 Causes serious eye irritation.

Precautionary statements:

P280 Wear protective gloves/eye protection.

Product name: Saniforte AS 10 Plus
 Revision date: 02.02.2016

P337 + P313 If eye irritation persists: Get medical advice/attention.

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

Symbol: ---

R-phrases: ---

S-phrases: ---

2.3 Other hazards

Not known.

SECTION 3: Composition / information on ingredients

Solution in water.

Hazardous components (Regulation (EC) No. 1272/2008)

<i>Chemical name</i>				<i>Content</i>
<i>CAS-No.</i>	<i>EC-No.</i>	<i>EC-Index-No.</i>	<i>Classification</i>	
Amidosulfonic acid				< 10 %
5329-14-6	226-218-8	016-026-00-0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	
REACH Registration Number: 01-211-9488633-28				

Isotridecanol, ethoxylated				< 5%
69011-36-5	500-241-6		Eye Dam. 1, H318 Acute Tox. 4, H302	
REACH Registration Number: 02-2119552461-55				

Full text of hazard statements: See under section 16.

Hazardous components (1999/45/EC)

<i>Chemical name</i>				<i>Content</i>
<i>CAS-No.</i>	<i>EC-No.</i>	<i>EC-Index-No.</i>	<i>Classification</i>	
Amidosulfonic acid				< 10 %
5329-14-6	226-218-8	016-026-00-0	Xi R 36/38-52/53	
REACH Registration Number: 01-211-9488633-28				

Isotridecanol, ethoxylated				< 5%
69011-36-5	500-241-6		Xn R 22-41	
REACH Registration Number: 02-2119552461-55				

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. 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. Call in physician.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects, cough, shortness of breath, pain, shock.

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. Use personal protective equipment as required, see section 8.2. Ensure supply of fresh air in enclosed rooms. In case of inadequate ventilation wear respiratory protection.

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.

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.

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.

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:	colourless
Odour:	perfumed
pH value	2.1
Melting point	not specified
Boiling point	not specified
Ignition temperature	not applicable
Flash point	not applicable
Explosion limits	lower not applicable
	upper not applicable
Density (20 °C)	1.1 g/cm ³
Viscosity, dynamic	not specified
Solubility in water	miscible

9.2 Other information

None.

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

See section 10.3.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Risk of explosion with: Chlorine.

Exothermic reaction with: Halogens, alkalines, oxidizing agents, nitrates, nitrites, nitric acid, metals, water, strong bases.

10.4 Conditions to avoid

Strong heating (decomposition).

10.5 Incompatible materials

Metals, corrosive substances, halogenes, bases, acids, reactive chemikals.

10.6 Hazardous decomposition products

See section 5.

Product name: Saniforte AS 10 Plus
Revision date: 02.02.2016

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

LD₅₀ rat: > 2000 mg/kg (OECD 401; Amidosulfonic acid)

Symptoms: Mucosal irritations in mouth, throat, oesophagus and gastrointestinal tract, pain, shock.

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

Acute dermal toxicity

Symptoms: Dermatitis, drying-out effect resulting in rough and chapped skin.

LD₅₀ rat: >2000 mg/kg (OECD 402; Amidosulfonic acid)

Acute inhalation toxicity

Symptoms: Cough, shortness of breath, irritant effects on respiratory tract.

Skin irritation

Rabbit: Irritations (OECD 404; Amidosulfonic acid).

Causes skin irritations.

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

Eye irritation

Rabbit: Strong irritations (OECD 405; Amidosulfonic acid).

Causes serious eye irritations.

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

Causes serious eye irritation.

Genotoxicity in vivo

Mutagenicity (mammal cell test): Mouse: Negative (OECD 474; Amidosulfonic acid).

Genotoxicity in vitro

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

Mutagenicity (mammal cell test): Negative (OECD 476; Amidosulfonic acid).

Mutagenicity (mammal cell test): Micronucleus: Negative (OECD 487; Amidosulfonic acid).

Specific target organ toxicity – single exposure

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

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

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

Pimephales promelas LC₅₀: 70.3 mg/l / 48 h (OECD 203; Amidosulfonic acid)

Product name: Saniforte AS 10 Plus
Revision date: 02.02.2016

Leuciscus idus LC₅₀: 1-10 mg/l /96 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to daphnia an other aquatic invertebrates

Daphnia magna: EC₅₀: 71.6 mg/l /48 h (OECD 202; Amidosulfonic acid).

Aaquatic invertebrates: EC₅₀: 1-10 mg/l /48 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to algea

EC₅₀: 1-10 mg/l /72 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to bacteria

Pseudomonas putida EC₁₀: >=1000 mg/l /16 h (IUCLID; Amidosulfonic acid)

Activated sludge EC₁₀: >200 mg/l /3 h (OECD 209; Amidosulfonic acid).

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: >60 % / 28 d (OECD 301B; Isotridecanol, ethoxylated)

Readily biodegradable (Isotridecanol, ethoxylated)

12.3 Bioaccumulative potential

Partition coefficient: n-octanol / water: log P_{ow}: 0.10 (external MSDS; Amidosulfonic acid).

No bioaccumulation is to be expected (Amidosulfonic acid).

No bioaccumulation is to be expected (external MSDS; Isotridecanol, ethoxylated).

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

Further information on ecology

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
200129*
070601*

Name according to directive 2000/532/EC:
detergents containing dangerous substances.
aqueous washing liquids and mother liquors.

Product name: Saniforte AS 10 Plus
Revision date: 02.02.2016

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
200139

Name according to directive 2000/532/EC:
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: Less than 5 %

Perfumes.

15.2 Chemical safety assessment

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

SECTION 16: Other information*Reason for alteration:*

SECTION 6: Accidental release measures

Full text of hazard statements referred to under sections 2 and 3:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Full text of R phrases referred to under sections 2 and 3:

22 Harmful if swallowed.

36/38 Irritating to eyes and skin.

41 Risk of serious damage to eyes.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.