

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015

Version: 011

Substitute the version from: 15.02.2015

1. Supplier and product identification

1.1 Product name:

Wool detergent

1.2 Usage of the product:

Liquid laundry detergent for sensitive textiles like wool, silk or others

1.3 Supplier:

SODASAN Wasch- und Reinigungsmittel GmbH

Address:

Rudolf – Diesel - Str. 19
D - 26670 Uplengen – Jübberde

Contact for information:

Section product safety
mg@sodasan.com

Telephone/Telefax/Email:

+49 (0) 4956 40720 / +49 (0) 4956 407299 / info@sodasan.com

1.4 Emergency phone:

Poison Information Centre-North (University Medicine Göttingen): **+49(0)551 19240** (24h)

2. Hazard identification

2.1 Classification of the mixture:

This product hasn't to be labeled in relation to the eye-irritant effect and skin irritant effect based on the results of a TGM classification. Other labeling ins't needed.

2.2 Label elements:

None.

2.3 Other hazards:

None

3. Composition / information on ingredients

3.1 Substances:

This product is a mixture.

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015

Version: 011

Substitute the version from: 15.02.2015

3.2 Mixture:

Hazardous ingredients:

Sodium Laurylsulfat; EG-Nr.: 287-809-4; CAS-Nr.: 85586-07-8
registration number: 01-2119489463-28

Amount: < = 9,5%

Classification according to VO 1272/2008: Acute Tox. 4, H302; Eye Dam. 1, H318; Skin irrit. 2, H315; Aquatic Chronic 3, H412

Alkylpolyglycoside C 10-17; CAS-Nr.: 110615-47-9

registration number: 01-2119489418-23-0002

Amount: < 8%

Classification according to VO 1272/2008: Eye Dam. 1, H318; Skin Irrit. 2, H315

D-Glucopyranose; CAS-Nr.: 68515-73-1

registration number: 01-2119488530-36-0003

Amount: < 5 %

Classification according to VO 1272/2008: Eye Dam. 1, H 318

Soft Magnolia

Amount: < 0,25 %

Classification according to VO 1272/2008: Flam. Liq. 2, H225; Eye Dam. 1, H 318; Skin Irrit. 2, H315, Skin Sens. 1, H317; Aquatic Chronic 3, H412

Orangenöl; EG-Nr.: 232-433-8; CAS-Nr.: 8028-48-6

Amount: < = 0,15 %

Classification according to VO 1272/2008: Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317

Ingredients with mandatory EG-limit:

Ethanol; EG-Nr.: 200-578-6; CAS-Nr.: 64-17-5

registration number: 01-2119457610-43-XXXX

Amount: < 5 %

Classification according to VO 1272/2008: Flam.Liq.2, H225; Eye Irrit. 2, H319

The exact wording of the R-phrases are detailed under point 16

4. First Aid Measures

4.1 Discription of first aid measures:

General information:

None special measures necessary.

Following inhalation:

Not applicable.

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015

Version: 011

Substitute the version from: 15.02.2015

Following skin contact:

Rinse with plenty of water.

Following eye contact:

Irrigate copiously with water for at least 15 minutes. Consult a physician.

Following ingestion:

Rinse mouth with water and consult a physician.

4.2 Most important symptoms and effects, both acut and delayed:

None known.

4.3 Indication of any immediate medical attention and special treatment needed:

None.

5. Firefithing Measures

5.1 Extinguishing media:

Recommended extinguishing media:

Carbon dioxide or dry powder extinguishers

5.2 Special hazards arising from the mixture:

None.

5.3 Advice for fire-fighters:

Invoid the intrusion of extinguishing water into surface water and groundwater and also into soil.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency proceures:

Usual precautions in dealing with chemicals.

6.2 Environmental precautions:

Keep away from drains, surface and ground water and soil.

6.3 Methods and material for containment and cleaning up:

Collect as much as possible in a clean container for (preferable) reuse or disposal.
Flush remainder with water.

6.4 Reference to other sections:

Notice the precautionary measures under section 7, 8 and 13.

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015

Version: 011

Substitute the version from: 15.02.2015

7. Handling and storage

7.1 Precautions for safe handling:

Protective measures:

Don't leave open the vessels.

General hygienic measures.

- Don't smoke, eat and drink in sections of working
- Wash hands after using
- Remove contaminated clothes bevor going into sections, where you will eat.

Advices for fire safety:

None special measures necessary. Usual precautions in dealing with chemicals.

7.2 Conditions for safe storage, including any incompatibilities:

Requirement for storage rooms and vessels:

Recommended storage temperature: room temperature, not under 15°C .

Always keep safe in original container.

7.3 Specific end use:

Liquid laundry detergent for sensitive textiles like wool, silk or others

8. Exposure controls / personal protection

8.1 Control parameters:

64-17-5 Ethanol

MAK 960 mg/m³, 500 ml/m³

MAK (TRGS 900) 1900 mg/m³, 1000 ml/m³

DFG, Y

General advice:

Look section 7

8.2 Personal protective gear:

Personal protective equipment is depending on hazards at the workstation

Respiratory protection:

Not required.

Hand protection:

Not required.

Eye protection:

Not required.

Environmental exposure controls:

Look section 6 and 7.

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015

Version: 011

Substitute the version from: 15.02.2015

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance

Physical state: liquid
Colour: orange yellow, clear
Odour: like orange

Safety relevant basic data

pH-value : (product) 4,0 – 4,5
Melting point / range: not applicable
Explosion limits: not applicable
Flammability: not applicable
Relative density: 1,04 -1,07 g/cm³
Water solubility: soluble in any ratio

9.2 Other safety informations:

Other physical and chemical data weren't determined.

10. Stability and reactivity

10.1 Reactivity:

No reactions if handling is adequate.

10.2 Chemical stability:

This product is chemical stable under normal environmental conditions.

10.3 Possibility of hazardous reactions:

No hazardous reactions if handling is adequate.

10.4 Conditions to avoid:

None.

10.5 Incompatible materials:

None.

10.6 Hazardous decomposition products:

None if handling is adequate

11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity oral:

ATE(mix.) = >2000 mg/kg (LD50, rat)

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015

Version: 011

Substitute the version from: 15.02.2015

Akute toxicity dermal:

ATE(mix.)= >2000 mg/kg (LD50, rabbit)

Akute toxicity inhalative:

ATE(mix.)= >5 mg/l (LC50, rat)

Irritation:

Based on an expert assessment the principles of skin and eye irritation aren't fulfilled.

Corrosivity:

Based on available data are the rating principles not fulfilled (conventional method).

Sensitisation:

Based on available data are the rating principles not fulfilled (conventional method).

Repeated dose toxicity:

Not approved.

Carcinogenicity

Not approved.

Mutagenicity:

Not approved.

Toxicity for reproduction:

Not approved.

Other information:

The toxicological rating of the mixture is based on the results of the calculation procedure (conventional method). There are no other hazards expected.

12. Ecological information

12.1 Toxicity:

The for substances classified as hazardous to the environment components specified Cut-off value has been undershot. So there is no classification as dangerous for the environment for the mixture needed.

12.2 Persistence and degradability:

The detergents, which are present in this product, fulfill the criteria for biodegradability according to regulation (EG) Nr. 648/2004.

12.3 Bioaccumulative potential:

No bioaccumulative potential.

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015

Version: 011

Substitute the version from: 15.02.2015

12.4 Mobility in soil:

No relevant data available.

12.5 Results of PBT and vPvB assessment:

No relevant data available.

12.6 Other adverse effects:

No relevant data available.

13. Disposal considerations

13.1 Waste treatment methods:

Waste disposal in accordance with local regulations.

Contaminated packaging:

Dirty containers can be recycled or disposed as normal waste after rinse. Consult local authority.

14. Transport information

14.1 UN-Nummer:

Not applicable.

14.2 Correct UN-forwarding label:

Not applicable.

14.3 Hazard class for transport:

Not applicable.

14.4 Class of packaging:

Not applicable.

14.5 Hazards for the environmental:

Not applicable.

14.6 Special precautions for the user:

Look section 6-8

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The emission solely takes place in suitable vessels.

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015

Version: 011

Substitute the version from: 15.02.2015

15. Regulatory information

15.1 Provision for safety, health and environmental regulations / legislation specific for the mixture:

The product has been classified in accordance with EC directives / the relevant national laws and labeled.

National regulations:

Water hazard class WGK: 2 according to VwVwS, appandix 4

SVHC:

The product does not contain any of Very High Concern (SVHC).

15.2 Chemical safety assessment

The product isn't submitted to a chemical safety assessment.

Other assessments:

The product is assessed by an expert. For this the producer has an expert assessment (TGM 634), which can be examined. That implies that the product hasn't to be labled in accordance to the skin-irritant and eye-irritant effect. The assessment is a "bridging" methode.

16. Other information

Important remarks:

It is recommende to pass the information of this safety data sheet, eventually in an appropriated form, to the users. This information is to our best knowledge correct and complete and is given in good faith but without warranty. It is user's liabilities to take all necessary measures to meet local required laws and regulations.

Hazard warnings on which is refered in section 3:

According to regulation VO 1272/2008

H-phrase:

- 225 Highly flammable liquid and vapour.
- 226 Flammable liquid and vapour.
- 302 Harmful if swallowed.
- 304 May be fatal is swallowed and enters airways.
- 315 Causes skin irritation.
- 317 May cause an allergic skin reaction.
- 318 Causes serious eye damage.
- 319 Causes serious eye irritation.
- 400 Very toxic to aquatic life.
- 410 Very toxic to aquatic life with long lasting effects.
- 412 Harmful to aquatic life with long lasting effects.

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015

Version: 011

Substitute the version from: 15.02.2015

Prevention:

P102 – Keep out of reach of children.

P301/312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you fell unwell.

P302/352 – IF ON SKIN: Wash with plenty of soap and water.

P305/351/338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if Present and easy to do. Continue rinsing.

Modification towards the latest version:

According to CLP-regulation

Point 2, 3, 15 and 16

Responsible for safety data sheet:

Section of product safety

Contact person:

Herr Hack / Frau Grätz

Bibliographical reference and data source:

Regulation

Directive (1999/45/EG)

Substance guideline (67/548/EWG)

REACH-regulation (EG) Nr. 1907/2006

CLP-regulation 1272/2008

TGM: The expert assessment is based on a briging methode, more in formation see the internet page of the IKW.

Internet

<http://www.baua.de>

<http://www.arbeitssicherheit.de>

<http://gestis.itrust.de>

<http://www.ikw.org>

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Wool detergent

Effectiv from: 01.06.2015
Substitute the version from: 15.02.2015

Version: 011

*n.a. = nicht anwendbar; n.b. = nicht bestimmt; * = Änderung*