

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Katrin Handwash

Product no.

88059, 88141, 980104

REACH registration number

Not applicable

Other means of identification

Nordic Ecolabel, the Swan. License number 590-062 / 5090 0062.
The EU Flower. License number DK/30/1.

The product is identical to 954007 and 954151 Katrin Handwash.

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

Relevant identified uses of the substance or mixture

Liquid hand soap.

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Metsä Tissue Corp.
P.O. Box 300
Mänttä 35801
Finland
tel: +358 (10) 4647 750
www.katrin.com

Contact person

Georg Maxein

E-mail

info.katrin@metsagroup.com

SDS date

13-01-2016

SDS Version

1.1

1.4. Emergency telephone number

Use your national or local emergency number
See section 4 "First aid measures"

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product belongs to the cosmetics regulation and should therefore not be classified acc. Classification and Labelling Regulation.
See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)

-

Signal word

-

Hazard statement(s)

-

According to EC-Regulation 1907/2006 (REACH)

| | | |
|----------------------------|------------|---|
| Safety statement(s) | General | - |
| | Prevention | - |
| | Response | - |
| | Storage | - |
| | Disposal | - |

Identity of the substances primarily responsible for the major health hazards

-

2.3. Other hazards

WGK: 1 (Appendix 4)

Additional labelling

-

Additional warnings

-

VOC

-

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME: sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
 IDENTIFICATION NOS.: CAS-no: 68891-38-3 EC-no: 221-416-0
 CONTENT: 5-10%
 CLP CLASSIFICATION: Skin Irrit. 2, Eye Dam. 1
 H315, H318

NAME: amide polyglycolic ether
 IDENTIFICATION NOS.: CAS-no: 85536-23-8
 CONTENT: 1-3%
 CLP CLASSIFICATION: Skin Irrit. 2
 H315

NAME: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...
 IDENTIFICATION NOS.: CAS-no: 61789-40-0 EC-no: 263-058-8
 CONTENT: 1-3%
 CLP CLASSIFICATION: Eye Dam. 1
 H318

(*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.

Other informations

ATEmix(oral) > 2000
 Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = > 1 - 0.4452
 Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 0.6728 - < 1

Ingredients:
 AQUA (Solvent), SODIUM LAURETH SULFATE (Surfactant), PEG-4 RAPESEEDAMIDE (Surfactant), COCAMIDOPROPYL BETAINE (Surfactant), SODIUM CHLORIDE (Thickening agent), MEA-LAURYL SULFATE (Surfactant), PROPYLENE GLYCOL (Solvent), PEG-40 GLYCERYL COCOATE (Humectant), GLYCERIN (Humectant), PHENOXYETHANOL (Preservative), CITRIC ACID (pH adjustment), SODIUM BENZOATE (Preservative), BENZOIC ACID (Preservative), DEHYDROACETIC ACID (Preservative), SODIUM IMINODISUCCINATE (Complexing agent), PARFUM (Fragrance), CI 16255 (Dye)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

Inhalation

Get the person into fresh air and stay with them.

Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes with water (20-30°C) for at least 15 minutes. Call a doctor.

Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns

Not applicable

4.2. Most important symptoms and effects, both acute and delayed

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

If eye irritation persists: Get medical advice/attention.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Sulphur oxides. Carbon oxides. Some metal oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

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

No specific requirements.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

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

See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original.

Storage temperature

Frost-free

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No data available

DNEL / PNEC

No data available.

8.2. Exposure controls

No control is necessary if the product is used in a normal way.

General recommendations

Observe general occupational hygiene.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

There are no maximum exposure limits for the substances contained in this product.

Appropriate technical measures

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

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Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

No specific requirements.

Hand protection

No specific requirements.

Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | | | | |
|--------|--------|----------|-----|--------------|------------------------------|
| Form | Colour | Odour | pH | Viscosity | Density (g/cm ³) |
| Liquid | Red | Pleasant | 4,5 | 2000-4000 cP | 1,01-1,03 |

Phase changes

| | | |
|--------------------|--------------------|-------------------------|
| Melting point (°C) | Boiling point (°C) | Vapour pressure (mm Hg) |
| - | - | - |

Data on fire and explosion hazards

| | | |
|-----------------|---------------|--------------------|
| Flashpoint (°C) | Ignition (°C) | Self ignition (°C) |
| - | - | - |

| | |
|--------------------------|----------------------|
| Explosion limits (Vol %) | Oxidizing properties |
| - | - |

Solubility

| | |
|---------------------|-----------------------------|
| Solubility in water | n-octanol/water coefficient |
| Soluble | - |

9.2. Other information

| | |
|-------------------|------------------------|
| Solubility in fat | Additional information |
| - | N/A |

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

According to EC-Regulation 1907/2006 (REACH)

10.2. Chemical stability

The product is stable under the conditions, noted in the section on "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

| Substance | Species | Test | Route of exposure | Result |
|--------------------------|---------|------|-------------------|-------------|
| amide polyglycolic ether | Rat | LD50 | Oral | >2000 mg/kg |

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

SECTION 12: Ecological information

12.1. Toxicity

| Substance | Species | Test | Test duration | Result |
|--------------------------|---------|------|---------------|---------|
| amide polyglycolic ether | Fish | LC50 | 96 h | 13 mg/L |
| amide polyglycolic ether | Daphnia | EC50 | 48 h | 7 mg/L |
| amide polyglycolic ether | Algae | EC50 | 72 h | 22 mg/L |

12.2. Persistence and degradability

| Substance | Biodegradability | Test | Result |
|--------------------------|------------------|-------------------|-------------------|
| amide polyglycolic ether | Yes | No data available | No data available |

12.3. Bioaccumulative potential

| Substance | Potential bioaccumulation | LogPow | BFC |
|-----------------------------------|---------------------------|--------|-------------------|
| sodium 2-(2-dodecyloxyethoxy)e... | No | 1.87 | No data available |

12.4. Mobility in soil

sodium 2-(2-dodecyloxyethoxy)e...: Log Koc= 1.559253, Calculated from LogPow (High mobility potential.).

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No special

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

The product is covered by the regulations on dangerous waste.

Waste

EWC code

16 10 03

Specific labelling

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Contaminated packing

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

14.1 – 14.4**ADR/RID**

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard
class(es)

14.4. Packing group

Notes

Tunnel restriction code

IMDG

UN-no.

Proper Shipping Name

Class

PG*

EmS

MP**

Hazardous constituent

IATA/ICAO

UN-no.

Proper Shipping Name

Class

PG*

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

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

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Demands for specific education

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Additional information

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According to EC-Regulation 1907/2006 (REACH)

Sources

EC regulation 1907/2006 (REACH)
Directive 2000/532/EC
EC Regulation 1272/2008 (CLP)

15.2. Chemical safety assessment

No

SECTION 16: Other information**Full text of H-phrases as mentioned in section 3**

H315 - Causes skin irritation.
H318 - Causes serious eye damage.

The full text of identified uses as mentioned in section 1

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Other symbols mentioned in section 2

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Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

The safety data sheet is validated by

JM

**Date of last essential change
(First cipher in SDS version)**

17-08-2015

**Date of last minor change
(Last cipher in SDS version)**

13-01-2016