

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Katrin Handwash Sanitizer

Product no.

88202

REACH registration number

Not applicable

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

Relevant identified uses of the substance or mixture

Antibacterial cleanser that efficiently removes bacteria, viruses and fungal spores on the hands and forearms.

Uses advised against

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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

2017-08-21

SDS Version

2.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). 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 2015/830

Safety statement(s)

General	-
Prevention	-
Response	-
Storage	-
Disposal	-

▼ Identity of the substances primarily responsible for the major health hazards

Not applicable

2.3. Other hazards

WGK: 1 (Appendix 4)

Additional labelling

-

▼ Additional warnings

Not applicable

VOC

Not applicable

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:	Eye Dam. 1, Aquatic Chronic 3 H318, H412

NAME:	amide polyglycolic ether
IDENTIFICATION NOS.:	CAS-no: 85536-23-8
CONTENT:	1 - <2.5%
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 - <2.5%
CLP CLASSIFICATION:	Eye Dam. 1 H318

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

Other information

ATEmix(inhale, vapour) > 20

ATEmix(dermal) > 2000

ATEmix(oral) > 2000

Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 1.3256 - 1.9884

Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 0.1416 - 0.2124

N chronic (CAT 4) Sum = Sum(Ci/(M(chronic)*25)*0.1*10^CAT4) = 0.2052 - 0.3078

Ingredients:

AQUA (SOLVENT), SODIUM LAURETH SULFATE (SURFACTANT), PEG-4 RAPESEEDAMIDE (SURFACTANT), SODIUM CHLORIDE (THICKENING AGENT), COCAMIDOPROPYL BETAINE (SURFACTANT), PHENOXYETHANOL (PRESERVATIVE), AMMONIUM LAURYL SULFATE (SURFACTANT), PROPYLENE GLYCOL (SOLVENT), GLYCERIN (HUMECTANT), CITRIC ACID (pH ADJUSTMENT), GLYCERETH-7 CAPRYLATE/CAPRATE (HUMECTANT), Magnesium Nitrate (and) Methylchlorisothiazolinone (and) Magnesium Chloride (and) Methylisothiazolinone (PRESERVATIVE)

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. The doctor can contact The National Poisons Information Service (dial 111, 24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

▼ Inhalation

Bring the person into fresh air and stay with him.

▼ Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

▼ Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

▼ Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned: Get immediate medical advice/attention.

Information to medic

Bring this safety data sheet.

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

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets 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, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Halogenated compounds. Sulphur oxides. Carbon oxides. Some metal oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

▼ 5.3. Advice for firefighters

No specific requirements.

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. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

▼ 6.4. Reference to other sections

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

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

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. 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 container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

Frost-free

▼ **7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

▼ **OEL**

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

▼ **DNEL / PNEC**

No data available

8.2. Exposure controls

▼ Control is unnecessary if the product is used as intended.

General recommendations

▼ Observe general occupational hygiene standards.

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

▼ **Exposure limits**

Occupational exposure limits have not been defined for the substances in this product.

▼ **Appropriate technical measures**

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

▼ **Hygiene measures**

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. 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	Liquid
Colour	Clear
Odour	None
Odour threshold (ppm)	No data available.
pH	4,5
Viscosity (40°C)	1900-2900
Density (g/cm ³)	1,01-1,03

▼ **Phase changes**

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

▼ **Data on fire and explosion hazards**

Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

▼ **Solubility**

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

▼ **9.2. Other information**

Solubility in fat (g/L)	No data available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

▼ **10.2. Chemical stability**

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

▼ **10.3. Possibility of hazardous reactions**

Nothing special

▼ **10.4. Conditions to avoid**

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

▼ **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing 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 may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	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	BCF
sodium 2-(2-dodecyloxyethox...	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

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

▼ 12.6. Other adverse effects

This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment,

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

▼ Waste

EWC code

07 06 01*

aqueous washing liquids and mother liquors

Specific labelling

-

▼ Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

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*

-

According to EC-Regulation 2015/830

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of Marpol 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

-

Demands for specific education

-

Additional information

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Sources

Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).

EC regulation 1907/2006 (REACH).

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.

H412 - Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

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Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

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, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

JM

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

2017-08-21

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

2017-08-21