

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2024

Version number 14 (replaces version 13)

Revision: 23.05.2024

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

· 1.1 Product identifier

· Trade name: **Handwash Cream**

· Article number: 90612, 90613, 90620, 90622

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

· Application of the substance / the mixture

No further relevant information available.

Hand cleaning agent

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH
Lechstrasse 28
D 90451 Nürnberg

Tel. +49(0)911-642960
Fax. +49(0)911-644456
e-mail info@akemi.de

· Further information obtainable from:

Laboratory

· 1.4 Emergency telephone number:

Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH

Tel. +49(0)911-64296-59

Reachable during the following office hours:

Monday – Thursday from 07:30 a.m. to 16:30 p.m.

Friday from 07:30 a.m. to 13:30 p.m.

* SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

· Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

Void

· Hazard pictograms

Void

· Signal word

Void

· Hazard-determining components of labelling:

Not applicable.

· Hazard statements

Void

· Precautionary statements

P301+P312

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330

Rinse mouth.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

· Additional information:

Contains reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1). May produce an allergic reaction.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

Not applicable.

· PBT:

Not applicable.

· vPvB:

Not applicable.

· Determination of endocrine-disrupting properties

For information on endocrine disrupting properties see section 11.

(Contd. on page 2)

EU

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Version number 14 (replaces version 13)

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Trade name: Handwash Cream

(Contd. of page 1)

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

	anionic surfactants Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315	12.5-25%
CAS: 61789-40-0	amphoteric surfactant Eye Dam. 1, H318 Skin Irrit. 2, H315	1-5%
CAS: 55965-84-9 EC number: 611-341-5 Index number: 613-167-00-5	reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330 Skin Corr. 1C, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100) Skin Sens. 1A, H317 EUH071 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	<1%

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

anionic surfactants	≥15 - <30%
amphoteric surfactants, preservation agents (Mixture of 5-Chloro-2-methyl-isothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one with magnesium chloride and magnesium nitrate), perfumes (DIPENTENE)	<5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
 · **After skin contact:** Rinse with warm water.
 · **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
 · **After swallowing:** Rinse out mouth and then drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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

· **Suitable extinguishing agents:** CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

(Contd. on page 3)

EU

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2024

Version number 14 (replaces version 13)

Revision: 23.05.2024

Trade name: Handwash Cream

(Contd. of page 2)

· 5.3 Advice for firefighters

- Protective equipment: No special measures required.

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

Particular danger of slipping on leaked/spilled product.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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

Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and explosion protection:

No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities**· Storage:**

No special requirements.

· Requirements to be met by storerooms and receptacles:

Not required.

· Information about storage in one common storage facility:

Protect from frost.

· Further information about storage conditions:

13

· Storage class:

No further relevant information available.

· 7.3 Specific end use(s)**SECTION 8: Exposure controls/personal protection****· 8.1 Control parameters****· Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

The lists valid during the making were used as basis.

· Additional information:**· 8.2 Exposure controls****· Appropriate engineering controls**

No further data; see section 7.

· Individual protection measures, such as personal protective equipment**· General protective and hygienic measures:**

Avoid contact with the eyes.

· Respiratory protection:

Not required.

· Hand protection

Not required.

· Material of gloves

Not applicable

· Penetration time of glove material

Not applicable

(Contd. on page 4)

EU

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2024

Version number 14 (replaces version 13)

Revision: 23.05.2024

Trade name: Handwash Cream

(Contd. of page 3)

- Eye/face protection



Tightly sealed goggles

* SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· <u>General Information</u>	
· <u>Colour:</u>	White
· <u>Odour:</u>	Pleasant
· <u>Melting point/freezing point:</u>	Undetermined.
· <u>Boiling point or initial boiling point and boiling range</u>	100 °C
· <u>Flash point:</u>	Not applicable.
· <u>pH at 20 °C</u>	8.5
· <u>Viscosity:</u>	Not determined.
· <u>Kinematic viscosity</u>	Not determined.
· <u>Dynamic:</u>	Not determined.
· <u>Solubility</u>	
· <u>water:</u>	Fully miscible.
· <u>Vapour pressure:</u>	Not determined.
· <u>Density and/or relative density</u>	
· <u>Density at 20 °C:</u>	1.15 g/cm³

· 9.2 Other information

· <u>Appearance:</u>	Pasty
· <u>Form:</u>	
· <u>Important information on protection of health and environment, and on safety.</u>	
· <u>Ignition temperature:</u>	Product is not selfigniting.
· <u>Explosive properties:</u>	Product does not present an explosion hazard.
· <u>Solvent content:</u>	
· <u>Organic solvents:</u>	0.5 %
· <u>Water:</u>	50.0 %

· Information with regard to physical hazard classes

· <u>Explosives</u>	Void
· <u>Flammable gases</u>	Void
· <u>Aerosols</u>	Void
· <u>Oxidising gases</u>	Void
· <u>Gases under pressure</u>	Void
· <u>Flammable liquids</u>	Void
· <u>Flammable solids</u>	Void
· <u>Self-reactive substances and mixtures</u>	Void
· <u>Pyrophoric liquids</u>	Void
· <u>Pyrophoric solids</u>	Void
· <u>Self-heating substances and mixtures</u>	Void
· <u>Substances and mixtures, which emit flammable gases in contact with water</u>	Void
· <u>Oxidising liquids</u>	Void
· <u>Oxidising solids</u>	Void
· <u>Organic peroxides</u>	Void
· <u>Corrosive to metals</u>	Void
· <u>Desensitised explosives</u>	Void

(Contd. on page 5)

EU

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2024

Version number 14 (replaces version 13)

Revision: 23.05.2024

Trade name: Handwash Cream

(Contd. of page 4)

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral	LD50	3,168 mg/kg
Dermal	LD50	87,120 mg/kg
Inhalative	LC50/4 h	330 mg/l (rat)

68411-30-3 anionic surfactant

Oral	LD50	500 mg/kg (ATE)
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55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)

Oral	LD50	64 mg/kg (rat)
Dermal	LD50	87.12 mg/kg (rat)
Inhalative	LC50/4h	>1,230 mg/m3 (rat)
	LC50/4 h	0.33 mg/l (rat)

- **Primary irritant effect:** Do not get in eyes, on skin, or on clothing.
- **Skin corrosion/irritation** Irritation possible.
- **Serious eye damage/irritation** Irritation possible.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information**12.1 Toxicity**

- **Aquatic toxicity:**

55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)

EC50	7.92 mg/l (bacteria) (OECD 209)
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(Contd. on page 6)

EU

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.05.2024

Version number 14 (replaces version 13)

Revision: 23.05.2024

Trade name: Handwash Cream

(Contd. of page 5)

EC50/48h	0.16 mg/l (daphnia magna) (OECD 202)
ErC50/48h	0.0052 mg/l (Skeletonema costatum (Kieselalge))
NOELR/72h	0.0012 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC/21d	0.004 mg/l (daphnia magna) (OECD 211)
	0.098 mg/l (Oncorhynchus mykiss) (OECD 210)
EC50/72h	0.048 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	0.28 mg/l (Bluegill.)
	0.19 mg/l (Oncorhynchus mykiss) (OECD 203)
	0.19 mg/l (trout)

· 12.2 Persistence and degradability	No further relevant information available.
· 12.3 Bioaccumulative potential	No further relevant information available.
· 12.4 Mobility in soil	No further relevant information available.
· 12.5 Results of PBT and vPvB assessment	
· PBT:	Not applicable.
· vPvB:	Not applicable.
· 12.6 Endocrine disrupting properties	The product does not contain substances with endocrine disrupting properties.
· 12.7 Other adverse effects	
· Additional ecological information:	
· General notes:	Must not reach sewage water or drainage ditch undiluted or unneutralised. Do not allow product to reach ground water, water course or sewage system. Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

SECTION 13: Disposal considerations**· 13.1 Waste treatment methods****· Recommendation**

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	aqueous washing liquids and mother liquors
07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 99	wastes not otherwise specified

· Uncleaned packaging:**· Recommendation:****· Recommended cleansing agents:**

Disposal must be made according to official regulations.

Water, if necessary together with cleansing agents.

SECTION 14: Transport information**· 14.1 UN number or ID number****· ADR, ADN, IMDG, IATA**

Void

(Contd. on page 7)

EU

Safety data sheet

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Version number 14 (replaces version 13)

Revision: 23.05.2024

Trade name: Handwash Cream

(Contd. of page 6)

· 14.2 UN proper shipping name	Void
· ADR, ADN, IMDG, IATA	
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	Void
· Class	
· 14.4 Packing group	Void
· ADR, IMDG, IATA	
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

* SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· Directive 2012/18/EU

· Named dangerous substances -

ANNEX I None of the ingredients is listed.

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· National regulations:

· Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· VOC EU 14.6 g/l

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

(Contd. on page 8)

EU

Safety data sheet

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Printing date 23.05.2024

Version number 14 (replaces version 13)

Revision: 23.05.2024

Trade name: Handwash Cream

(Contd. of page 7)

* SECTION 16: Other information

This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS:

Laboratory

· Date of previous version:

23.01.2023

· Version number of previous version:

13

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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