

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006**Product name: Ha-Ra Family Hygiene Cleaner**

Created on: 30.03.2016

Revision Date: 29.06.2022

Valid from: 30.06.2021

Version: 3.0

Replaces all previous versions.

Printed on: 07.07.2022

1. Identification of the mixture and company**1. Product identifier****Product name:** Family Hygiene Cleaner**Code No.:** 2023**1.2. Relevant identified uses of the mixture and not recommended uses**

General uses: all-purpose cleaner (private/business).

No further relevant information available.

1.3 Details of the supplier of the safety data sheet**Producer/Supplier:**

Ha-Ra GmbH

Lichtenkopfer Weg 1

66450 Bexbach

Telefon: +49(0) 6897/97089-0; E-Mail: info@ha-ra.de

1.4. Emergency telephone number

Deutschland	Giftinformationszentrum-Nord (GIZ-Nord), Göttingen	+49 551 192 40
Österreich	Vergiftungsinformationszentrale der Gesundheit Österreich, Wien	+43 1 406 43 43
Schweiz	Schweizerisches Toxikologisches Informationszentrum, Zürich	145
	aus dem Ausland:	+41 44 251 51 51
Belgien	Antigifcentrum / Centre Antipoisons, Brüssel	+32 70 245 245

2. Hazards identification**2.1 Classification of the mixture:****Classification according to Regulation (EC) No. 1272/2008**

The product is classified and labelled according to the CLP Regulation.

2.2 Label elements**Classification according to (EC) No. 1272/2008****Hazard pictograms:**

Not applicable.

Signal word:

Not applicable.

Hazard statements:

None.

Precautionary statements:

P102: Keep out of reach of children.

Further classification elements

None.

2.3 Other hazards**Results: PTB and vPvB assessment:**

PBT: Not applicable.

vPvB: Not applicable.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006**Product name: Ha-Ra Family Hygiene Cleaner**

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3. Composition/information on ingredients**3.2. Mixture:***

Mixture of the substances listed below. May contain other components below reportable quantities and harmless additions.

Identification number	Component	Classification according to (EC) No 1272/2008	Concentration	SCL, M-Factor
CAS: 1310-73-2 EG: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27	Sodium hydroxide	H318: $c \geq 3\%$ H319: $1\% \leq c < 3\%$	< 1	H290: $c \geq 0,5\%$ H314: $c \geq 2\%$ H315: $0,5\% \leq c < 2\%$ H319: $0,5\% \leq c < 2\%$
CAS: 68515-73-1 EG: 500-220-1 Index: --- REACH: 01-2119488530-36	Alkyl polyglycosides	Eye Dam. 1 H318	0,1-1%	H318: $c \geq 3\%$ H319: $1\% \leq c < 3\%$

Der Wortlaut der angeführten Hinweise:

H290

May be corrosive to metals.

H314

Causes severe skin burns and eye damage.

H315

Causes skin irritation.

H318

Causes severe eye damage.

H319

Causes severe eye irritation.

4. First aid measures**4.1. Description of first aid measures****Following inhalation:***

Not applicable.

Following skin contact:

Rinse skin with water.

Following eye contact:

Rinse with plenty of water on the open eyelid, if necessary consult an ophthalmologist.

Following ingestion:

Rinse mouth with water, do not induce vomiting, and drink plenty of water.

Consult a doctor in case of complaints.

4.2 Most important symptoms and effects, both acute and delayed

Not applicable.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media:**

Adjust Firefighting measures to local circumstances and surrounding area. All common extinguishing media such as water, dry chemical, carbon dioxide and foam are suitable.

Unsuitable extinguishing media: In connection with this mixture no limitations for extinguishing agents are known.

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5.2 Special hazards arising from the mixture*

Hazardous gases may be produced in the fire: Carbon oxides.

5.3 Advice for fire-fighters

Prevent the percolation of extinguishing water into surface water, ground water and soil.

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

Avoid eye contact.

6.2 Environmental precautions*

Prevent the percolation of extinguishing water into surface water, ground water and soil.

6.3 Methods and material for containment and cleaning up

For larger quantities: Pump the product from the surface.

Residues can be washed away and disposed into Sewerage.

6.4 Reference to other sections

Information about safe handling – section 7.

Information about the personal protective equipment – section 8.

Information about waste treatment – section 13.

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

Do not leave containers open.

No special measures are required with an appropriate handling.

Advice on fire and explosion protection:

No special actions required. Follow usual precautions for handling chemicals.

7.2 Safe storage***Requirements for storage areas and containers:**

Keep container tightly closed and protect from direct sunlight.

Recommended storage temperature: room temperature.

Advice on storage capabilities with other substances: Store away from food.

Requirements for storage rooms and containers:

Comply with laws and regulations for storage and usage of substances hazardous to water.

Keep the product in the original container or in another closed container, which resembles to the original container.

7.3 Specific end use*

Product application as an all-purpose cleaner undiluted or diluted solution for private and business usages.

Mix only with water and never dilute with other chemicals.

8. Exposure controls/personal protection**8.1 Control parameters****To be monitored components with work-related exposure limits:**

DNEL values: 68515-73-1 Alkyl polyglycosides (C8-C10)

Oral (consumer): 35.7 mg/kg bw/day (long-term, systemic effect)

dermal (worker): 595000 mg/kg bw/day (long-term, systemic effect)

dermal (consumer): 357000 mg/kg bw/day (long-term, systemic effect)

inhalation (worker): 420 mg/m³ (long-term, systemic effect)inhalation (consumer): 124 mg/m³ (long-term, systemic effect)

PNEC values: 68515-73-1 Alkyl polyglycosides (C8-C10)

Water (freshwater): 0.176 mg/l

Water (marine): 0.0176 mg/l

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Sediment (fresh water): 1.516 mg/kg dw

Sediment (seawater): 0.152 mg/kg dw

DNEL values: 1310-73-2 Sodium hydroxide

dermal (workers): < 2 % wt. (acute, local effect)

Inhalation (worker): 1 mg/m³ (long-term, local effect)**8.2 Exposure controls****General protection and hygiene measures:**

The usage of this product requires the usual precautionary measures for chemicals.

Keep away from drinks, food and feed.

Do not eat, drink, smoke, or sniff at work.

Avoid contact with eyes.

Do not inhale gases/vapours/aerosols.

Preventive skin protection, e.g. through skin protection cream or protective gloves.

Wash hands before breaks and at the end of work.

Individual protection measures

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Eye/Face protection:

A proper use does not require safety glasses.

When cleaning with risk of splashing, the use of safety goggles is recommended.

Hand protection:

For professional use, the use of protective gloves is recommended.

Protective gloves:

Before each usage the protective gloves has to be checked for proper conditions.

For the glove material selection the penetration time, permeation rate and glove material degradation have to be considered.

Glove material:

Nitrile rubber, Glove thickness > 0.11 mm

The choice of glove material varies from manufacturer to manufacturer.

Since protective gloves are made of different materials, their durability is unpredictable and must be checked before use.

Penetration time of the glove material:

Value for permeation: > 6.

The exact permeation time must be requested from the manufacturer and must be observed.

Gloves made of the following material are suitable for splash protection:

Nitrile rubber, thickness > 0.11 mm; value for permeation: > 6.

Respiratory protection:

No special precautionary measures are necessary.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006**Product name: Ha-Ra Family Hygiene Cleaner**

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A proper use does not require a gas mask.

Body protection:

Protective work clothing.

**Thermal hazards:**

Not required if used as directed.

Environmental exposure controls:

See sections 6 and 7.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information*****Appearance:**

Form:	Liquid
Colour:	Colourless – slightly yellow
Odor:	Slight soap smell
Odor detection threshold:	No information available.

Security relevant data*

pH (20 °C):	12 - 13
Melting point:	No information available.
Boiling point:	90 – 100 °C
Flashpoint:	No information available.
Evaporation rate:	No information available.
Auto-ignition temperature:	No information available.
Decomposition temperature:	No information available.
Explosive properties:	The product is not explosive.
Oxidizing properties:	No information available.
Vapour pressure:	No information available.
Density (20°C):	0.99 -1.02 g/cm ³

Water solubility: Completely miscible.

Partition coefficient:
(*n*-Octanol/water) No information available

9.2 Other information:

No further relevant information available.

10. Stability and reactivity**10.1 Reactivity**

No further relevant information available.

10.2 Chemical stability**Thermal decomposition/conditions to avoid:**

No decomposition products are known under normal storage and handling conditions.

10.3 Possibility of hazardous reactions*

No dangerous reactions known if handled and stored as directed (section 7). Violent reaction with reducing agents, oxidising agents, acids and bases possible.

10.4 Conditions to avoid*

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Avoid ignition sources and high temperatures, as thermal decomposition is possible. Do not store permanently above 25°C or in frosty conditions. Protect from direct sunlight.

10.5 Incompatible materials*

Uncoated aluminium and zinc. Strong oxidising agents.

10.6 Hazardous decomposition products

No hazardous decomposition products are known under normal storage and handling conditions.

11. Toxicological information**11.1 Information on toxicological effects***

No toxicological findings are available for the mixture.

Acute toxicity:

No quantitative data on the toxicity of the mixture are available. The following classification-relevant values refer to the components of the mixture.

68515-73-1 Alkyl polyglycosides (C8-C10)

Oral LD50 > 5000 mg/kg (rat) (OECD Guideline 401)

dermal LD50 > 2000 mg/kg (rabbit) (OECD Guideline 402)

Corrosive / irritant effect on skin:

Based on available data, the classification criteria are not met. Frequent or prolonged skin contact may defat and dry out the skin, causing skin discomfort and inflammation (dermatitis).

Serious eye damage / irritation:

Based on available data, the classification criteria are not met.

Respiratory sensitisation / Skin:

Based on available data, the classification criteria are not met. Respiratory irritation is possible with concentrated vapours in unventilated rooms.

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.

Specific target organ toxicity at single exposure:

Based on available data, the classification criteria are not met.

Specific target organ toxicity in case of repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

12. Ecological information

No toxicological findings are available for the mixture. The following information of the components refers to the undiluted pure substances in 100% concentration. Dilution in the mixture reduces the hazard potential. The mixture is classified according to section 2.

12.1 Toxicity*

Aquatic toxicity:

68515-73-1 Alkyl polyglycosides (C8-C10).

LC50 / 96h: 126 mg/l (fish) (OECD 203)

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EC50 / 48h >100 mg/l (large water flea (*Daphnia magna*)) (OECD 202)EC50 / 72h: 27.22 mg/l (*Scenedesmus subspicatus*) (OECD 201)NOEC: 1-10 mg/l (*Brachydanio rerio*) (OECD Guideline 204)NOEC: 1-10 mg/l (Greater water flea (*Daphnia magna*)) (OECD Guideline 202, Part 2)EC10: 1.76 mg/l (greater water flea (*Daphnia magna*)) (21 d)

1310-73-2 sodium hydroxide

EC50 / 48h: 40.4 mg/l (crustaceans)

LC50 / 96h: 196 mg/l (fish)

Ecotoxicological information:

68515-73-1 Alkyl polyglycosides (C8-C10)

Respiratory inhibition of municipal activated sludge:

EC50 > 10 - 100 mg/l (*Scenedesmus subspicatus*) (Directive 88/302/EEC, Part C, p. 89).EC0 > 100 mg/l (*Pseudomonas putida*) (OECD Guideline 209)

1310-73-2 sodium hydroxide

Possible adverse effects on fish, plankton and sessile organisms due to pH shift. No inhibition of the activity of wastewater bacteria after neutralisation. The substance is a base. Neutralisation is usually required before waste water is discharged into sewage treatment plants. The substance does not cause biological oxygen depletion. After neutralisation, only the relatively low harmful effect of the resulting salts is still present. If neutralisation is not carried out, the pH value must be observed. The toxic effect for fish and bacteria begins below pH = 6 or above pH = 9.

12.2 Persistence and degradability*

The organic components / surfactants in this mixture are readily biodegradable. For the inorganic components in this mixture the methods of biodegradability are not applicable.

68515-73-1 Alkylpolyglycoside (C8-C10)

OECD 301 F: 90 %

12.3 Bioaccumulative potential*

No relevant information is available for the mixture. The following information refers to the components of the mixture.

68515-73-1 Alkyl polyglycosides (C8-C10)

Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected. ($\log P(o/w) < 1$).

1310-73-2 Sodium hydroxide

Not expected to bioaccumulate.

12.4 Mobility in soil

No relevant information is available for the mixture. The following information of the components refers to the undiluted pure substances in 100% concentration. Dilution in the mixture reduces the hazard potential. The mixture is classified according to section 2.

68515-73-1 Alkyl polyglycosides (C8-C10)

Must not enter ground water, water bodies or sewage system. Water hazard class 1 (according to AwSV self-classification, slightly hazardous for water).

1310-73-2 Sodium hydroxide

Adsorption in soil is not expected. Must not reach groundwater, water bodies or sewage system. Water hazard class 1 (according to AwSV self-classification, slightly hazardous for water).

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

12.6 Endocrine disrupting properties*.

This mixture has no relevant endocrine disrupting properties for non-target organisms as it does not meet the criteria set out in Section B of Regulation (EU) No 2017/2100.

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12.7 Other adverse effects

No further relevant information available.

12.8 Other information*

Water hazard class: WGK 1 (according to AwSV self-classification, slightly hazardous for water).

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

National Regulations: Obey the local disposal regulations.

Disposal of containers: Empty the container completely.

Recommendation:

Waste disposal is regulated differently in countries and municipalities, therefore the necessary waste treatment methods have to be enquired at the local authorities.

For recycling purposes the plastic bottles and spray heads have to be cleaned before waste disposal.

List of European waste codes:**Cleaned Plastic bottle and spray head:**

20 01 39 (Plastics)

Product:

20 01 30 (Detergents)

Precautionary measures

Section 7 – Before first usage has to be regarded.

14. Transport information**14.1 UN-No.:****ADR, IMDG, IATA**

None.

14.2 UN proper shipping**ADR, IMDG, IATA**

None.

14.3 Transport hazard classes**ADR, IMDG, IATA**

None.

14.4 Packing group**ADR, IMDG, IATA**

None.

14.5 Environmental hazards**Classified environmental hazardous substances**

Not applicable.

Marine Pollutant:

No relevant information available.

14.6 Special precautions for user

No relevant information available.

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

No relevant information available.

Additional information:**No dangerous good according to the above regulations**

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15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the mixture**

This product is classified and labelled according to the CLP regulation.

EU Regulation:**- Regulation (EG) No. 648/2004** (Detergents Regulation).**German Regulation:****- Water hazard class: WHC1** (low hazard to water according to VwVwS)

AVV	Regulation on the european waste list (Waste List Regulation): Section 13
AwSV	Regulation on installations for handling substances hazardous to water: Section 13 (Germany)
ChemG	Act on protection against hazardous substances (Chemicals Act): Section 2, 3, 8, 11 (Germany)
GefStoffV	Regulation on protection against hazardous substances (Hazardous Substances Ordinance): Section 2, 3, 5, 7, 8, 11 (Germany)
648/2004/EG	Detergent Regulation: < 5 % non-ionic surfactants
1907/2006/EG	Regulation on the registration, evaluation, authorisation and restriction of chemicals (REACH): Section 1 to 16
2008/68/EG	Directive on the inland transport of dangerous goods (ADN, ADR, RID): Section 14
1272/2008/EG	Regulation on classification, labelling and packaging of substances and mixtures (CLP): Sections 2, 3, 11
528/2012/EU	(Biocides Regulation): Not applicable
2017/2100/EU	Delegated regulation establishing scientific criteria for the determination of endocrine disrupting properties: Section 11, 12

15.2 Chemical Safety Assessment:

A chemical safety assessment for this substance is not required.

16. Other information

The published information bases on our present knowledge status. The information of this safety data sheet establish guideline for a safe handling during storage, consumption, transport and waste disposal. The given data is just applicable for this product and not transferable to other products.

Changes to the last version are indicated with*.**Abbreviation:**

ADN/ADNR:	Regulations concerning the transport of dangerous substances in barges on inland waterways.
ADR/RID:	European Agreement concerning the International Carriage of Dangerous Goods by Road/ Regulations concerning the international carriage of dangerous goods by rail.
ATE	Acute Toxicity Estimates
AVV	Regulation on the European Waste List (Abfallverzeichnis-Verordnung)
AwSV	Regulation on facilities for handling substances hazardous to water
CAS-Nummer	Unique numerical identifier by the Chemical Abstracts Service
CLP	Regulation on Classification, Labelling and Packaging of Substances and Mixtures
DNEL	Derived No-Effect Level
EC	European Community
EC-number	Classification category of the European Chemicals legislation
EU	European Union
GHS	Globally Harmonised System
GIZ	Poison Information Centre (Giftinformationszentrum)
IATA	International Air Transport Association

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ICAO TI	Technical Instructions For The Safe Transport of Dangerous Goods by Air by The International Civil Aviation Organization.
IMDG	International Maritime Dangerous Goods Code
IMO	International Maritime Organization
Index number	Identification code for a certain dangerous substance (Directive 67/548/EEC)
IUPAC	International Union of Pure and Applied Chemistry
LC 50	Median lethal concentration
LD 50	Median lethal dose
M-Faktor	Multiplication factor
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No Effect Concentration
REACH	Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
REACH no.	Registration number of a substance according to 1907/2006/EC
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL	Specific Concentration Limit
TRGS	Technical Rules for Hazardous Substances
UFI	Unique Formula Identifier (unique formulation identifier)
vPvB	very Persistent and very Bioaccumulative
WHC	Water hazard class (according to AwSV)
GHS Coding	GHS Hazard class
Flam. Liq.	Flammable liquids
Met. Corr.	Corrosive to metals
Acute Tox.	Acute Toxicity
Skin Corr.	Skin corrosion
Skin Irrit.	Irritant effect on the skin
Eye Dam.	Serious eye damage
Eye Irrit.	Serious eye irritation
Resp. Sens.	Respiratory sensitisation
Skin Sens.	Skin sensitisation
STOT SE	Specific target organ toxicity (single exposure)
STOT RE	Specific target organ toxicity (repeated exposure)
Aquatic Acute	Acutely hazardous to the aquatic environment
Aquatic Chronic	Harmful to the aquatic environment in the long term

Important literature and data sources

Directives, regulations and laws according to section 15

GESTIS substance database

Websites of the BAuA

Websites of the ECHA

GisChem

Number and full text of relevant H- and P-phrases***H-phrases:**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

P- phrases:

P102 Keep out of reach of children.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

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P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

P310 Immediately call a POISON CENTER or doctor/physician.

Classification and method used to derive the classification of mixtures according to Regulation (EC) No 1272/2008 [CLP]

The classification in section 2 is based on calculation methods.

OECD test result: Not applicable.

Employee training

Recommendation: General training about the usage of chemicals and hygiene measures.

Further information

None.