

harafamily Household Cleaner

Last update: 14.01.2016

Printing date: 27.01.2016

1. Material, preparation and company label

1.1 Product identifier

Commercial name: harafamily Household Cleaner

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

Usage of the preparation: Universal cleaner

Key number: 2005

1.3 Details of the supplier of the safety data sheet

Ha-Ra GmbH Phone: +49 (0) 6897 / 604 0
 Grubengelände Camphausen Fax: +49 (0) 6897 / 604 200
 D-66287 Quierschied E-mail: info@ha-ra.de

1.4 Emergency telephone number

Emergency information (in German and English language):
 +49 (0) 551 / 192 40 (GIZ-Nord)

2. Possible hazards

2.1 Classification of the material or the mixture

Classification according to Ordinance (EC) no. 1272/2008

Classification according to directive 1999/45/EC Void

The classification also corresponds to the provisions of the Annex B for the Austrian Chemical Ordinance and is supplemented by specifications from specialised literature and company information.

2.2 Labelling elements

Label according to (EC) 1272/2008

The product is classified according to the CLP ordinance and not required as labelling

Safety instructions: P102: May not be accessible to children.

Additional information: -

2.3 Other hazards:

None known

3. Composition / Information on components

3.1 Chemical characterisation

Mixtures

Description: aqueous solution

Hazardous components: not applicable

Environmentally-friendly solution created and stabilised by electrochemical means.

Chemical label	%	(CAS no.)	(EC. no.)	(Index no.)
Sodium hydroxide	0,1 – <1	1310-73-2	215-185-5	011-002-00-6
Sodium chloride	1-10	7647-14-5	231-598-3	016-055-00-9
Organic plant soap	1-10	not classified		

harafamily Household Cleaner

Last update: 14.01.2016

Printing date: 27.01.2016

4. First aid measures

After inhalation:
Ensure sufficient fresh air



After skin contact:
Rinse with water

After eye contact:
Rinse with plenty of water with open eyelid, if necessary consult ophthalmologist.

After ingestion:
Rinse the mouth with water, do not induce vomiting, drink a lot of water.
If you have complaints, please seek the care of a physician.

4.1 The most important acute and delayed occurring symptoms and effects

Irritant effect possible.

4.2 Information for immediate care by a physician or special treatment

No additional, relevant information available.

5. Fire-fighting actions

5.1 Extinguishing agent

Suitable extinguishing agents: Product not combustible. Fire extinguishing measures for the environment.

Inappropriate extinguishing agents for safety reasons: There are no extinguishing agent limitations for this mixtures.

5.2 Special, hazards resulting from the material or mixture

Poisonous vapours occur with a fire in the surrounding area.

The following can be released in the event of a fire: Carbon monoxide, carbon dioxide

5.3 Instructions for fighting fires

Special safety equipment: Wear respiratory protection devices which are dependent on ambient air.

6. Measures for unintentional release

6.1 Personalised precautionary measures, safety equipment and in emergencies

Procedures to be applied

Avoid skin and eye contact. Ensure sufficient fresh air.

6.2 Environmental safety measures

No special safety measures required

6.3 Methods and material for retention and cleaning

Rinse off small quantities with a lot of water.

6.4 References to other sections

Information on secure handling – section 7

harafamily Household Cleaner

Last update: 14.01.2016

Printing date: 27.01.2016

Information on personal safety equipment - section 8
Information on disposal – Section 13

7. Handling and storage

7.1 Safety measures for safe handling

No special measures required with special handling

7.2 Conditions for secure storage, environmental compatibility

Changes in storage rooms and containers: Do not store in a tank from corroding material.

Other information on storage conditions: Keep the container tightly sealed.
Recommended warehouse temperature: room temperature
Protect from direct sunlight
VbF class: not required

7.3 Specific end applications

No additional, information available

8. Limitation and monitoring of exposure/personal safety equipment

8.1 Parameters to be monitored

Components with threshold values to be monitored which are workplace-related:
The product includes no relevant quantities of materials with threshold values to be monitored.

8.2 Limitation and monitoring of exposure/personal safety equipment

General safety and hygiene measures:
The remaining precautionary measures when dealing with chemicals.
Please wash your hands when finishing work and before breaks

8.3 Individual safety measures

Head safety devices must be selected depending on the concentration of hazardous materials and the quantity on a workplace-specific basis. Chemical resistance of the protective agents should be clarified with the supplier.

Respiratory protection:



Not required with proper usage.

harafamily Household Cleaner

Last update: 14.01.2016

Printing date: 27.01.2016

Skin protection:



Safety gloves: Not required with proper usage

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

Nitrile rubber, strength > 0.11 mm

Value for permeation: > 6

Eye protection:



Not required with proper usage.

Wearing protective glasses is always recommended as a splash guard.

Body protection:

Not required with proper usage

Additional information for the design of technical plants:

No further information

Additional instructions:

The lists valid upon creation served as a guide

9. Physical and chemical properties

9.1 Information on the fundamental physical characteristics, general information

Appearance

Form:	Liquid
Colour:	light green-yellowish
Odour:	Slightly soapy
Odour threshold:	No information available.
pH value at 20°C:	10-11.5

Change in state:

Melting point/melting areas:	No information available
Boiling points/boiling ranges:	No information available
Flaming point:	Not applicable
Ignition temperature:	No information available
Flammability:	No information available
Explosion hazard:	The product is not explosive
Explosion threshold:	
Bottom:	No information available
Top:	No information available
Oxidising properties:	No information available

harafamily Household Cleaner

Last update: 14.01.2016

Printing date: 27.01.2016

Steam pressure at 20 °C:	No information available
Vapour density:	No information available
Vaporisation speed:	No information available
Solubility in the water:	Completely mixable
Distribution ratio: (n-Octanol/water)	No information available
Viscosity:	
Dynamic:	No information available
Kinematic:	No information available

9.2 Other information:

No information available

10. Stability and reactivity

10.1 Reactivity

Can be corrosive to metals.

10.2 Chemical stability / Thermal decomposition / Conditions to be avoided

No decompositions known with suitable storage and handling.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to be avoided

Temperature: Do not store permanently over 40°C

Light exposure: Store in a dark place

10.5 Compatible materials

Minor reactions possible with uncoated aluminium, tin, and zinc.

10.6 Hazardous decomposition products

None known

11. Toxicological information

11.1 Acute toxicity

LD/LC50 values relevant to classification: No quantitative data is available on the toxicity of this product.

11.2 Primary irritation effect

with sufficient ventilation, no sensitising effects known

11.3 CMR effect

Germ cell mutagenicity: No special effects and hazards known.

Carcinogenicity: No special effects and hazards known.

Reproduction toxicity: No special effects and hazards known.

11.4 Inhalation hazard:

No classification known for inhalation hazard.

harafamily Household Cleaner

Last update: 14.01.2016

Printing date: 27.01.2016

11.5 Specific target organ toxicity with a single exposure:

The material or the mixture is not categorised as target organ toxic with single exposure.

11.6 Specific target organ toxicity with a single exposure:

The material or the mixture is not categorised as target organ toxic with repeat exposure.

12. Environmental information

12.1 Toxicity

Toxicity to water: No quantitative data is available on the environmental effect of this product.

12.2 Persistence and decomposition

The organic plant soap used is easily biodegradable

12.3 Bio-accumulation potential

No additional, relevant information available.

12.4 Mobility on the ground

No additional, relevant information available.

12.5 Oxotoxicological effect

No damaging effect with normal household quantities.

12.5 Results of the PBT and vPvB assessment

PBT: Not applicable

vBvB: Not applicable

13. Instructions on disposal

13.1 AVV waste code packaging cleaned

20 01 39 (plastic)

13.2 AVV waste code product

20 01 30 (Cleaning agent)

13.3 Precautionary measures

Ch. 7 - To be noted before handling the product.

13.4 Waste disposal

Disposal of residual quantities: Note disposal with other chemicals ch. 12.

Disposal of containers: Completely empty the container.

National regulations: Dispose of according to the professional regulations.

Recommendation: Disposal has different rules in the countries and municipalities. Therefore, the disposal type should be requested from local authorities. Packaging is ideally emptied. It can be recycled after appropriate cleaning.

harafamily Household Cleaner

Last update: 14.01.2016

Printing date: 27.01.2016

14. Transport information

14.1 UN no.

UN1824

14.2 Other transport regulations

ADR, IMDG, IATA

14.3 Proper UN shipping code / ADR

UN1824 SODIUM HYDROXIDE SOLUTION

14.4 Other information

Diluted sodium hydroxide solution according to the ADR test

No hazardous material!

15. EU regulations and Austria

15.1 Regulations on health, safety and environmental protection / Specific legal regulations for materials and mixtures

National regulations / Malfunction Ordinance: Classification not applicable according to VbF
Water hazard class: In general no hazard to water

15.2 Material safety assessment

A material safety assessment was not conducted.

16. Other information

16.1 Revision instructions

Revision on 31 May 2015: To be added: Hazard classes according to the classification regulation of the ordinance (EC) no. 1272/2008 [CLP].

16.2 Abbreviations and acronyms

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
AGW: Workplace threshold value
BGW: Biological threshold value
AOX: Absorbable, organic halogen compounds
CAS no.: Chemical Abstract Service Number
CLP: Classification, Labelling and Packaging
DSD: Dangerous Substance Directive
DPD: Dangerous Preparation Directive
EC no.: European Commission Number
IATA: International Air Transport Associations
IMDG: International Maritime Dangerous Goods Code Version no.: 1.0 Revision no.: 1.0
PBT: Persistent, Bioaccumulative, Toxic
UN no.: United Nations Number
UVCB: Substances of Unknown or Variable composition, Complex reaction products or Biological materials

harafamily Household Cleaner

Last update: 14.01.2016

Printing date: 27.01.2016

VbF:	Ordinance on combustible fluids (Austrian Ordinance)
VOC:	Volatile organic compounds
vPvB:	Very persistent and very bioaccumulative
WGK:	Water hazard class according to Administration regulation - materials which are are hazard to water VwVwS (German ordinance)

16.3. Important literature information and data sources

Not available

16.4 Classification of mixtures and assessment methods used

The classification was made according to the calculation method of the Preparation Directive (1999/45/EC)

16.5 Wording of the R-, H and EUH sets (number and full text)

P102: May not be accessible to children.

16.6 Training notices

Not available

16.7 Final note

The specifications in this safety data sheet are correct upon completion to the best of our knowledge.

The information should give you a point of reference to safely handle the product mentioned in the safety data sheet during storage, processing, transport and disposal.

The specifications are only applicable for this product and cannot be transferred to other products