



SANUSLIFE® INTERNATIONAL GmbH
39100 Bolzano

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

1.1 Product identifier

ECAIA+ allhygienics
UFI No.: HKT2-E0TD-800F-J3SX
BAuA No.: N-77431

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

1.2.1 Relevant uses

Disinfectant for human hygiene
Drinking water disinfection
Disinfectants in the food and feed sector
Disinfectants and algacides
Hygiene in the veterinary sector

1.2.2 Uses advised against

All uses not in accordance with the intended use

1.3 Details about the supplier providing the safety data sheet

Company / Distributor

SANUSLIFE® INTERNATIONAL GmbH
Luigi Negrelli Str. 13/C
39100 Bolzano
Italy
Tel. +39 0471 979 998
Website: www.sanusproducts.com
E-mail: support@sanusproducts.com

Informing area Technical information Safety Data Sheet

support@sanusproducts.com
support@sanusproducts.com

1.4 Emergency call number

Company

+39 0471 979 998 (office hours)

Poison Control Centers

Germany Berlin

+49 (0) 30 30686700 (Charité)

Austria Vienna

+43 (0) 1 406 43 43

SECTION 2: Potential hazards

2.1 Classification of the substance or mixture

The mixture does not meet the criteria for classification according to Regulation (EC) No 1272/2008.

2.2 Labeling elements

No label elements according to Regulation (EC) No 1272/2008 relevant.



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2.3 Other hazards

Health hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII. No special hazards to be mentioned. Please observe in the information in the safety data sheet.

Environmental hazards

The product/substance has water hazard class 1.

SECTION 3: Composition / Information on ingredients

3.1 Substances

Not applicable

3.2 Mixture

Chemical characterization

aqueous solution

Active ingredient: Active chlorine released from sodium hypochlorite 1.3 g/kg

Content [%]	Component
<2	Sodium chloride CAS: 7647-14-5, EINCS/ELINCS: 231-598-3
0,13	Active chlorine released from sodium hypochlorite CAS: 7681-52-9, EINCS/ELINCS: 231-668-3, EU-INDEX: 017-011-00-1 GHS/CLP: Met. Corr. 1: H290 - Skin Corr. 1B: H314 - Aquatic Acute 1: H400, M = 10 EEC: C-N, R 31-34-50
<0,0002	Sodium hydroxide CAS: 1310-73-2, EINCS/ELINCS: 215-185-5, EU-INDEX: 011-002-00-6 GHS/CLP: Skin Corr. 1A: H314 - Met. Corr. 1: H290 EEC: C, R 35

The product does not contain any hazardous substances which are prohibited by REGULATION (EU) No. 2020/878 OF THE COMMISSION, Annex II, Part A, 3.1/3.2 must be mentioned in Chapter 3.

Further information

The product does not contain any listed SVHC substances > 0.1% according to Regulation (EC) No 1907/2006 Art. 59 (REACH).
 The wording of the listed H-phrases can be found in section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General instructions

Change wetted clothing and wash before next use.

After inhalation

Provide fresh air.

After skin contact

After contact with skin, wash off with soap and water.
 Consult a doctor if skin irritation persists.

After eye contact

In case of contact with eyes, rinse thoroughly with plenty of water and seek medical advice. (if required/necessary)

After ingestion

Do not induce vomiting.
 Rinse mouth and drink plenty of water.
 Seek medical treatment (if necessary).



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4.2 Most important symptoms and effects, both acute and delayed

There is no information available.

4.3 Information on immediate medical assistance or special treatment

Treat symptomatically.
Provide safety data sheet to physician.

SECTION 5: Fire fighting measures

5.1 Extinguishing agents

Suitable extinguishing media

Product itself does not burn. Extinguishing measures must be adapted to the surrounding fire.

Unsuitable extinguishing media

Full jet of water.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
Chlorine compounds.

5.3 Instructions for firefighting

Use self-contained breathing apparatus.

Fire residues and contaminated extinguishing water must be disposed of in accordance with local and official regulations.

SECTION 6: Accidental release measures

6.1 Person-related precautions, protective equipment and emergency procedures

Ensure sufficient ventilation.
Use personal protective equipment.

6.2 Environmental precautions

Do not allow to enter drains/surface waters/groundwater.

Prevent area-wide expansion (e.g. by containment or oil booms).

6.3 Methods and material for containment and cleaning

Absorb with liquid-binding material (e.g. sand, universal binder, diatomaceous earth).

The material taken up in accordance with applicable waste and environmental protection dispose of it in accordance with the regulations and any other applicable provisions.

6.4 Reference to other sections

personal protective equipment see section 8

Note on disposal see section 13

SECTION 7: Handling and storage

7.1 Protective measures for safe handling

Use only in well ventilated areas.

The usual precautionary measures for handling chemicals must be observed.

Do not eat or drink at work.

Remove soiled clothing and wash before reuse.

Product may bleach.

Product is not flammable.

No special fire protection measures required

Wash hands before breaks and at the end of work.

Preventive skin protection with skin protection ointment.



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7.2 Conditions for safe storage taking into account incompatibilities

Store only in the original container.
Safely prevent penetration into the ground.
Do not store together with acids.
Keep container tightly closed.
Store container in a well-ventilated place.
Store in a cool place.

Storage class (TRGS 510)

LGK 12: Non-flammable liquids

7.3 Specific end uses

See Use of the product, section 1.2.

SECTION 8: Exposure controls/personal protective equipment

8.1 Parameters to be monitored

Occupational exposure limits (TRGS 900)

DNEL and PNEC values

Substance name: Sodium hypochlorite; CAS No.: 7681-52-9

Inhalation, long-term exposure, systemic effect DNEL 1.55 mg/m³ Worker

8.2 Limitation and monitoring of exposure

Other protective measures Avoid contact with eyes and skin.

Thermal hazards Not applicable.

Limitation and monitoring of exposure Comply with applicable environmental directives, discharge to air, water and environmental
Limit soil.

SECTION 9: Physical and chemical properties

9.1 Statements of basic physical and chemical properties

Physical state	Liquid
Color	colorless, clear
Odor	Chlorine-like
Odor threshold	Not determined
Melting point [°C]	Not determined
Freezing point	Not determined
Boiling point	approx. 100 °C
Flash point [°C]	Not applicable
Flammability [°C]	Not applicable
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Flash point	Not applicable
Ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH value	approx. 9.0
Viscosity, kinematic	Not determined
Solubility in water	Soluble

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Partition coefficient [n-octanol/water]	Not determined
Vapor pressure	Not determined
Vapor pressure at 50 °C	Not determined
Density [g/cm³]	1,019
Relative density	Not determined
Relative vapor density at 20 °C	Not determined
Particle properties	Not applicable

9.2 Other information

9.2.1 Information on physical hazard classes	No information available.
9.2.2 Other safety characteristics	No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity	No information available. None known when used as directed.
10.2 Chemical stability	Stable under normal ambient conditions (room temperature).
10.3 Possibility of hazardous reactions	Reactions with oxidizing agents. Sodium hypochlorite: Development of chlorine gas when exposed to acids.
10.4 Conditions to avoid	Strong heating.
10.5 incompatible materials	Reactions with oxidizing agents. Sodium hypochlorite: Development of chlorine gas when exposed to acids.
10.6 Hazardous decomposition products	Chlorine compounds.

SECTION 11: Toxicological information

11.1 Danger class information according to Regulation (EC) No 1272/2008

Acute toxicity (Oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified.
Respiratory/skin sensitization	Not classified
Germ cell/mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity at single exposure	Not classified
Specific target organ toxicity at repeated exposure	Not classified
Aspiration hazard	Not classified
Specific effects in animal studies	Not classified



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11.2 Information on other hazards no data available

SECTION 12: Environmental information

12.1 Toxicity no data available

12.2 Persistence and degradability no data available
Biodegradability The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential No information available.

12.4 Mobility in soil No information available.

12.5 Results of PBT and vPvB assessment The substances in the mixture do not meet the PBT or vPvB criteria according to REACH, „Annex XIII

12.6 Endocrine disrupting properties Product does not contain any known or suspected endocrine disruptors

12.7 Other adverse effects No information available.

SECTION 13: Notes on disposal

13.1 Procedures for waste treatment Product residues are to be disposed of in compliance with the Waste Directive 2008/98/EC as well as national and regional regulations. No waste code number can be assigned to this product in accordance with European waste catalog (AVV), since only the intended use is determined by the consumer allows an assignment. The waste code number is within the EU in consultation with the disposal company to be specified.

Product Contact manufacturer about recycling.

AVV-No. (recommended) 060314 Solid salts and solutions, other than those mentioned in 060311* and 060313*.

Uncleaned/cleaned packaging Non-contaminated packaging can be recycled. Packaging that cannot be cleaned must be disposed of in the same way as the substance.

AVV No. (recommended) 150102 Plastic packaging.

SECTION 14: Transport information

14.1 UN number According to UN shipping name see section 14.2.

14.2 Appropriate UN shipping name
Land transport according to ADR/RID NO DANGEROUS GOODS | NOT CLASSIFIED AS "DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS | NOT CLASSIFIED AS "DANGEROUS GOODS

Sea transport according to IDMG NOT CLASSIFIED AS "DANGEROUS GOODS

Air transport according to IATA NOT CLASSIFIED AS "DANGEROUS GOODS



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14.3	Transport hazard classes	According to UN shipping name see section 14.2.
14.4	Packing group	According to UN shipping name see section 14.2.
14.5	Environmental hazards	According to UN shipping name see section 14.2.
14.6	Special precautions for the user	Corresponding information under sections 6 to 8.
14.7	Bulk transport according to Annex II of MARPOL 73/78 and according to the IBC Code	Not applicable.

SECTION 15: Legislation

15.1	Safety, health and environmental regulations/specific legislation for the substance or mixture	
	EU regulations	2004/42; 648/2004; 1907/2006 (REACH); Amendment Regulation (EU) 2020/878; 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC 528/2012
	Transport regulations	ADR (2013); IMDG Code (2013, 36th Amdt.); IATA-DGR (2013)
	National regulations (DE)	Hazardous Substances Ordinance - GefStoffV 2011; Detergents and Cleaning Agents Act - WRMG; Water Resources Act - WHG; TRG 300; TRGS: 200, 615, 900, 905, Notice 220 (TRGS220).
	- Water hazard class	1, according to AwSV of 27.10.2017 (as of 01-2018) at present concentration.
	- Major Accidents Ordinance	Not applicable.
	- Classification according to TA-Luft	Not determined.
	- GISBAU, product code	Not determined.
	- Storage class (TRGS 510)	LGK 12: non-flammable liquids
	- Employment restrictions	No
	- VOC (1999/13/EG)	0%
	- Other regulations	Not applicable.
	- Solvents Ordinance (31.BImSchV)	Not applicable
15.2	Substance safety assessment	Chemical safety assessments for substances in this mixture have not been carried out performed.

SECTION 16: Other information

This information refers to the active ingredient.

16.1	Hazard warnings (section 3)	H 400: Very toxic to aquatic organisms. H 314: Causes severe skin burns and eye damage. H 290: May be corrosive to metals.
16.2	Abbreviations and acronyms	ADR = Accord européen relatif au transport international des marchandises dangereuses par route RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure AVV = Waste Catalogue Ordinance BGI = Berufsgenossenschaftliche Information CAS = Chemical Abstracts Service CLP = Classification, Labeling and Packaging DMEL = Derived Minimum Effect Level DNEL = Derived No Effect Level EC50 = Median effective concentration ECB = European Chemicals Bureau EEC = European Economic Community



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EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50 %.
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50
LD50 = Median lethal dose
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV®/TWA = Threshold limit value - time-weighted average
TLV®/STEL = Threshold limit value - short time exposure limit
TRGS = Technical Rules for Hazardous Substances
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative
AwSV = Ordinance on Installations for Handling Substances Hazardous to Water

16.3 Other information

Customs tariff

Not determined.

Classification procedure

Changed positions

SECTION 2 added: none

SECTION 8 added: Comply with applicable environmental guidelines that limit discharges to air, water, and land.

SECTION 8 deleted: See SECTIONS 6+7

SECTION 12 added: Based on all available information, not to be used as PBT or vPvB.

SECTION 12 deleted: A PTB/vPvB assessment is not possible because a chemical safety assessment is not required or has not been performed.

GV Release group

Means.