

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Hand Cleaner

Date of creation	25. April 2006	Revision no.	1
Date of revision	13. January 2016	Version	3

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

- 1.1 Product identifier**
Substance / mixture Hand Cleaner
Number mixture
4961
Other names of the mixture Cosmetics, personal care products
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Intended use of the mixture PC39 - Cosmetics, personal care products
- The use descriptors**
SU 22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Not recommended use of the mixture The product should not be used in ways other than those referred in Section 1.
- 1.3 Details of the supplier of the safety data sheet**
- Distributor**
Name or trade name Nacházel, s.r.o. - Bike
Address Průmyslová 1472, Praha 10 - Hostivař, 102 19
Czech Republic
Phone +420 222 351 140
Fax +420 222 351 149
E-mail maziva@nachazel.cz
Web address bikeworkx.cz
- Manufacturer**
Name or trade name Eco Nederland B.V.
Address Boschstraat 10, Brunssum, 6442 PB
Netherlands
Phone +31 45 400 7477
Fax +31 45 527 3150
E-mail info@eco-nederland.com
Web address www.eco-nederland.com
- Competent person responsible for the safety data sheet**
Name Ing. Zdeněk Nacházel
E-mail ing.zdenek@nachazel.cz
- 1.4 Emergency telephone number**
Poisoning information centre, Na Bojišti 1, Praha, Czech Republic, Tel.: non-stop +420 224 919 293 or +420 224 915 402, Information on health risks only - acute poisoning of humans and animals
Emergency telephone number abroad
0031-45-4007468

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.
Full text of all classifications and H-phrases is given in the section 16.
- The most serious adverse physico-chemical effects**
Unknown
- The most serious adverse effects on human health and the environment**
Unknown
- 2.2 Label elements**
- Additional information**
EUH 210 Safety data sheet available on request.
EUH 208 Contains 2-Methyl-2H-isothiazolin-3-on. May produce an allergic reaction.

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2.3 Other hazards

Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
Regulation (EC) No 1223/2009 on cosmetic products.
Product is not classified according 1272/2008 because the product is a cosmetic according EU 1223/2009.
Contains alkali.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical characterization

Cosmetic product.

Abovementioned substances and anionic surfactants 5-15%, non-ionic surfactants, perfumes, preservation agents, colouring agent, (R)-p-mentha-1,8-diene <5%

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Name of the substance	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS: 68955-19-1 EC: 273-257-1	mono-C12-18-Alkyl síran sodný	2,5-<10	Skin Irrit. 2, H315 Eye Dam. 1, H318	
CAS: 68155-06-6 EC: 268-934-3	Amides, C12-18, N,N-bis(hydroxyethyl)	2-<2,5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411	
CAS: 26172-55-4 EC: 247-500-7	5-Chlor-2-methyl-2H-isothiazolin-3-on	<0,1		
CAS: 2682-20-4 EC: 220-239-6	2-Methyl-2H-isothiazolin-3-on	<0,1	Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	

Full text of all classifications and H-phrases is given in the section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

If any health problems are manifested or if in doubt, inform a doctor and show him information from this Safety Data Sheet.

Inhalation

inapt - pasta

Skin contact

The product does not irritate the skin. Flush contaminated skin with water.

Eye contact

Holding the eyelids open, and at least 15 minutes, rinse with clean, if possible lukewarm, running water and seek medical advice.

Ingestion

Place the victim in peace. Rinse mouth with water (only if the affected person is conscious); Never induce vomiting. Seek medical advice immediately and show the container or label.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

not available

Skin contact

not available

Eye contact

not available

Ingestion

not available

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water

Unsuitable extinguishing media

They are not

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

no special equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions contained in chapters 7 and 8. For spillages in danger of slipping.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3 Methods and material for containment and cleaning up

The product itself is cleaner. After removal of the contaminated wash with plenty of water. Spilled product as soon as possible sprinkle with suitable absorbent material and transfer to suitable containers. Labeled containers disposed of in accordance with local laws. Store away from other materials.

6.4 Reference to other sections

No dangerous materials are released.

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special precautions necessary if used correctly.

7.2 Conditions for safe storage, including any incompatibilities

No special requirements.

Storage class

13 - Other non-combustible solids

Content

0,5 a 3 kg

Type of packaging

jar

Material of package

LDPE (4), Low density polyethylene (Plastics)



LDPE

Storage temperature

min 5 °C, max 35 °C

The specific requirements or rules relating to the substance/mixture

Keep only in containers that correspond to the original package. Observe instructions on the product label. Do not freeze.

7.3 Specific end use(s)

washing paste for hands

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

none

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8.2 Exposure controls

Observe usual measures of health at work. Do not eat, drink and smoke During Work. After work and before breaks for meals and rest Wash hands thoroughly with water.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Protecting gloves are only used when the Handcleaner is used as a chemical and not as a cosmetic for cleaning hands.

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Respiratory protection

Mask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of toxic substances are exceeded or in a poorly ventilated environment.

Thermal hazard

not available

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	semi-paste
Physical state	solid at 20°C
color	beige
Odour	charakteristic
Odour threshold	data not available
pH	6.5 (undiluted at 20 °C)
Melting point/freezing point	data not available
Initial boiling point and boiling range	100 °C
Flash point	data not available
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	23 hPa at 20 °C
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	Fully miscible
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	data not available
Oxidising properties	data not available
They are not available	

9.2 Other information

Density	0.95 g/cm ³ at 20 °C
auto-ignition temperature	data not available
No further relevant information available.	

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SECTION 10: Stability and reactivity

10.1 Reactivity

The mixture is non-flammable.

10.2 Chemical stability

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions

The product is stable under normal conditions.

10.4 Conditions to avoid

The product is stable and no degradation occurs under normal use.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

Under normal use arise.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

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.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

They are not available

SECTION 12: Ecological information

12.1 Toxicity

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Acute toxicity

The product contains no substances with an effect against active action of microorganisms.

Amides, C12-18, N,N-bis(hydroxyethyl)

Parameter	Method	Value	Time of exposure	Species	Environment
EC 50	OECD 201	>1-10 mg/l	96 hour	Algae (Selenastrum capricornutum)	
EC 50	OECD 209	>1000 mg/l	96 hour	Bacteria (Salmonella typhimurium)	
EC 50	OECD 202	>1-10 mg/l	96 hour	Daphnia (Daphnia magna)	
LC 50	ISO 7346-2	>1-10 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	

They are not available

12.2 Persistence and degradability

The product is potentially biodegradable.

12.3 Bioaccumulative potential

Insignificant.

12.4 Mobility in soil

The product is soluble and mobile in water and soil. Contamination of water courses may occur in case of rain.

12.5 Results of PBT and vPvB assessment

The product is not classified as PBT or vPvB.

12.6 Other adverse effects

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Danger to drinking water if even small quantities leak into soil.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to an authorised person for waste removal (specialized company) authorised for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling. Hazard of environmental contamination; remove waste in accordance with local and/or national regulations.

Legislation of waste

Council Directive 75/442/EEC on waste, as amended. Council Directive 91/689/EEC on hazardous waste, as amended. Decision 94/3/EC establishing a list of wastes, as amended.

Code of type of waste

07 06 01 aqueous washing liquids and mother liquors

07 06 00 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

Code of type of waste packaging

15 01 02 plastic packaging

SECTION 14: Transport information

14.1 UN number

Not subject to ADR.

14.2 UN proper shipping name

not available

14.3 Transport hazard class(es)

not available

14.4 Packing group

not available

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14.5 Environmental hazards

not available

14.6 Special precautions for user

not available

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

not available

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. 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, as amended.

15.2 Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

A list of additional standard phrases used in the safety data sheet

EUH 210	Safety data sheet available on request.
EUH 208	Contains 2-Methyl-2H-isothiazolin-3-on. May produce an allergic reaction.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC50	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
Ems	Emergency plan
ES	Identification code for each substance listed in EINECS
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC50	Concentration causing 50 % blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Transport
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization

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IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD50	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
Log Kow	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
MFAG	First Aid Manual
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of chemicals (EP and Council Regulation (EC) No 1907/2006)
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
w/w	Weight by weight

Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment
Eye Dam.	Serious eye damage
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Publication of "Zásady pro poskytování první pomoci při expozici chemickým látkám" (doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornyčová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.