

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Handcleaner Extreme
Revision date : 09-02-2022
Print date : 09-02-2022

Version : 1.0.0

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

1.1 Product identifier

Handcleaner Extreme

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

Relevant identified uses

Environmental release categories [ERC]

ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

Uses advised against

This product should not be used for purposes other than the applications referred to above.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/distributor)

Macoproducts bv

Street : Marsweg 40a

Postal code/city : 8013PD Zwolle, Nederland

Telephone : +31(0)38 – 741 00 08

Information contact : info@macoproducts.nl

1.4 Emergency telephone number

+31 30 274 88 88 (08.00 - 17.00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This product meets the criteria of cosmetic Directive 1223/2009/EEC and is not classified according to the Directives 1272/2008/EEC

Classification according to Regulation (EC) No 1272/2008 [CLP]

None

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Supplemental Hazard information (EU)

EUH210 - Safety data sheet available on request.

P102 - Keep out of reach of children.

Remark

The product is classified and labelled according to EC directives or corresponding national laws.

2.3 Other hazards

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

2.4 Additional information

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Information about the composition is listed on the INCI-declaration on the packaging

Hazardous ingredients

None

SECTION 4: First aid measures

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4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

No special measures are necessary.

In case of skin contact

Change contaminated, saturated clothing. Wash contaminated clothing prior to re-use.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Call a physician in any case! Do NOT induce vomiting. If major quantity of dust is swallowed or inhaled, immediately drink: Water

4.2 Most important symptoms and effects, both acute and delayed

The following symptoms may occur: No known symptoms to date.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water mist Foam Extinguishing powder Carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Do not breathe gas/fumes/vapour/spray. Carbon monoxide Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

6.3 Methods and material for containment and cleaning up

For containment

Collect in closed and suitable containers for disposal. Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Suitable material for taking up: Sand Absorbing material, organic

6.4 Reference to other sections

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See protective measures under point 7 and 8.

SECTION 7: Handling and storage



7.1 Precautions for safe handling

None

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep/Store only in original container. Suitable container/equipment material: Stainless steel Polyethylene (PE)

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Appropriate engineering controls

Use only in well-ventilated areas. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

General information

Immediately remove any contaminated clothing, shoes or stockings. Wash contaminated clothing prior to re-use.

Environmental exposure controls

See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Gel

Colour : cream

PCN Colour : brown

Odour : characteristic

Safety characteristics

Physical state :			Liquid
Melting point/freezing point :			No data available
Freezing point :			No data available
Initial boiling point and boiling range :	(1013 hPa)	>	100 °C
Decomposition temperature :		>	200 °C
Flash point :			not applicable
Auto-ignition temperature :			not applicable
Lower explosion limit :			not applicable
Upper explosion limit :			not applicable
Vapour pressure :	(50 °C)		not applicable
Density :	(20 °C)	approx.	1 g/cm ³
Water solubility :	(20 °C)		100 Wt %
Water solubility :	(20 °C)		not applicable
pH :		approx.	6

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Flow time :	(20 °C)	not applicable	DIN-cup 4 mm
Viscosity :	(20 °C)	mPa*s	
Odour threshold :		not applicable	
Vapourisation rate :		not applicable	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

Not applicable

10.2 Chemical stability

Stable under normal conditions of use

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Strong oxidizers

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

No information available.

Acute dermal toxicity

No information available.

Acute inhalation toxicity

No information available.

Corrosion

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Irritation to respiratory tract

No information available.

Respiratory or skin sensitisation

Skin sensitisation

No information available.

Sensitisation to the respiratory tract

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No information available.

Germ cell mutagenicity

No information available.

Reproductive toxicity

No information available.

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STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

SECTION 12: Ecological information

12.1 Toxicity

harmless to aquatic organisms up to the tested concentration

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Delivery to an approved waste disposal company. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.2 Chemical safety assessment

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Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road
ASTM = American Society of Testing and Materials (US)
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)
DNEL = Derived No-Effect Level
DT50 = Time for 50% loss; half-life
EbC50 = Median effective concentration (biomass, e.g. of algae)
EC50 = Median effective concentration
EINECS = European Inventory of Existing Commercial Chemical Substance
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)
ErC50 = Median effective concentration (growth rate, e.g. of algae)
EWC = European Waste Catalogue
IATA = International Air Transport Association
IC50 = Concentration that produces 50% inhibition
IMDG = International Maritime Dangerous Goods Code
IMO = International Maritime Organization
LC50 = Concentration required to kill 50% of test organisms
LD50 = Dose required to kill 50% of test organisms
LEL = Lower Explosive Limit/Lower Explosion Limit
LOAEL = Lowest observed adverse effect level
MRL = Maximum Residue Limit
NOAEL = No Observed Adverse Effect Level
NOEC = No observed effect concentration
NOEL = No Observable Effect Level
OEL = Occupational Exposure Limits
PBT = Persistent, Bioaccumulative or Toxic
PNEC = Predicted Non Effect Concentration
STEL = Short-Term Exposure Limit
TWA = Time-Weighted Average
vPvB = Very Persistent and Very Bioaccumulative

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The classification of mixtures and applied evaluation method in accordance with regulation (EC) Nr. 1272/2008 [CLP] has been appointed in section 2.1

16.5 Relevant H- and EUH-phrases (Number and full text)

None

16.6 Training advice

None

16.7 Additional information

Article No.: 701

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.