

Material Safety Data Sheet

4tecx hand cleaner special 4,5 ltr

according to Regulation (EC) No. 1907/2006 (REACH)		
Revision date: 23-10-2020	Version: 2.3.0 (2.2.0)	Print date: 24-12-2020

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

1.1 PRODUCT IDENTIFIER

4Tecx Hand Cleaner Special Doos 4x4,5 liter PET (4009000132)

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST RELEVANT IDENTIFIED USES

PC 39 - Cosmetics, personal care products

Sectors of use [SU]

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Process categories [PROC]

PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC 11 - Non industrial spraying

PROC 19 - Manual activities involving hand contact

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/only representative/downstream user/distributor):	
Company name	Zevij-Necomij
Street	Touwslagerijweg 4
Postal code / city	4906 CS Oosterhout
Country	The Netherlands
Telephone	+31 (0) 162 426917
Telefax	+31 (0) 162 432553
E-mail adress	info@zevij-necomij.com
Website	www.4tecx.com

1.4 EMERGENCY TELEPHONE NUMBER:

National Poisons Information Service (NPIS) Email: director.birmingham.unit@npis.org

Website: <http://www.npis.org/>

SECTION 2: Hazards identification

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

Hazardous ingredients

None.

3.3 ADDITIONAL INFORMATION

Cosmetics formulated and classified in accordance with the European Cosmetics Regulation (1223/2009 / EC).

SECTION 4: First aid measures

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

High power 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

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**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****Colour:** cream**Odour:** Perfume**Safety relevant basis data****Physical state:****Melting point/melting range:****Initial boiling point and boiling range:** (1013 hPa) >**Decomposition temperature:****Freezing point:****Flash point:****Auto-ignition temperature:****Lower explosion limit:****Upper explosion limit:****Vapour Pressure:** (20 °C)**Evaporation rate (n-butylacetate = 1):****Density:** (20 °C) approx.**Water solubility:** (20 °C)**pH:****Partition coefficient (n-octanol/water):** <**Viscosity:** (20 °C)**Vapour density (air = 1) :** (101 kPa)**Valt onder Detergentia Verordening (EG) Nr. 648/2004****J/N**

Gel

not applicable

100 °C

No data available

No data available

not applicable

No data available

Vol-%

Vol-%

No data available

No data available

1,03 g/cm³

emulsifies

9

3

450000 mPa.s

No data available

No

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

Corrosion

Skin corrosion/irritation

Not an irritant.

Serious eye damage/eye irritation

Not an irritant.

Irritation to respiratory tract

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Germ cell mutagenicity

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

STOT-single exposure

not applicable

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 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE

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

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

SECTION 16: Other information

16.1 INDICATION OF CHANGES

02. Label elements

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 Substances
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	Previsible 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]

Indeling van de stof of het mengsel: classificatie conform Verordening (EG) Nr. 1272/2008 [CLP] door middel van calculatiemethode via software.

16.5 RELEVANT H- AND EUH-PHRASES (NUMBER AND FULL TEXT)

None.

16.6 TRAINING ADVICE

None.

16.7 ADDITIONAL INFORMATION

Article No.: 841.

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.