

# Safety Data Sheet

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



Trade name : P950 Car & Truckwash  
Revision date : 08-09-2023  
Print date : 08-09-2023

Version (Revision) : 3.0.0 (2.0.0)

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

### 1.1 Product identifier

P950 Car & Truckwash

### 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

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 Members of the public seeking specific information on poisons should contact: In England and Wales: NHS 111 - dial 111, in Scotland: NHS 24 - dial 111 Ireland +353 (0)1 8092566 or +353 (0)1 8379964 National Poisons Information Centre

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Skin Corr. 1A ; H314 - Skin corrosion/irritation : Category 1A ; Causes severe skin burns and eye damage.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

#### Classification procedure

H314: Obtained on the basis of the test method

H318: Obtained on the basis of the calculation method

### 2.2 Label elements

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

##### Hazard pictograms



Corrosion (GHS05)

##### Signal word

Danger

##### Hazard components for labelling

SODIUM HYDROXIDE ; CAS No. : 1310-73-2

3-C12-18-(even numbered)-alkylamido-N,N-dimethylpropan-1-ami ; CAS No. : 1471314-81-4

##### Hazard statements

H314 Causes severe skin burns and eye damage.

##### Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash ... thoroughly after handling.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P310 Immediately call a POISON CENTER/doctor/...  
P321 Specific treatment (see ... on this label).  
P405 Store locked up.

### Remark

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

### 2.3 Other hazards

Frequently or prolonged contact with skin may cause dermal irritation.

### 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

SODIUM HYDROXIDE ; EC No. : 215-185-5; CAS No. : 1310-73-2

Weight fraction :  $\geq 2 - < 5 \%$

Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1A ; H314 Eye Dam. 1 ; H318

2-(2-BUTOXYETHOXY)ETHANOL ; EC No. : 203-961-6; CAS No. : 112-34-5

Weight fraction :  $\geq 1 - < 5 \%$

Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

3-C12-18-(even numbered)-alkylamido-N,N-dimethylpropan-1-ami ; REACH No. : 01-2119978229-22 ; EC No. : 939-581-9;  
CAS No. : 1471314-81-4

Weight fraction :  $\geq 1 - < 3 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Aquatic Chronic 3 ; H412

#### Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

## 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

Wash immediately with: Water and soap Change contaminated, saturated clothing. Wash contaminated clothing prior to re-use.

#### After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### Following 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. Repeated exposure may cause skin dryness or cracking.

### 4.3 Indication of any immediate medical attention and special treatment needed

None

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water mist Foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>)

#### 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 (CO<sub>2</sub>)

### 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

##### Protective equipment

Avoid contact with skin, eyes and clothes. Use personal protection equipment.

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

### 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

#### Protective measures

##### Measures to prevent aerosol and dust generation

During filling, metering and sampling should be used if possible: Closed devices

### 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)

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Unsuitable container/equipment material: Butyl caoutchouc (butyl rubber)

## 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5

Limit value type (country of origin) : STEL ( EC )

Limit value : 15 ppm / 101,2 mg/m<sup>3</sup>

Version : 20-06-2019

Limit value type (country of origin) : TWA ( EC )

Limit value : 10 ppm / 67,5 mg/m<sup>3</sup>

Version : 20-06-2019

#### DNEL-/PNEC-values

##### DNEL/DMEL

3-C12-18-(even numbered)-alkylamido-N,N-dimethylpropan-1-ami ; CAS No. : 1471314-81-4

Limit value type : DNEL Consumer (systemic)

Exposure route : Oral

Exposure frequency : Long-term

Limit value : 0,25 MG/KG/ BODYWEIGHT/DAY

Limit value type : DNEL Consumer (systemic)

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 0,87 mg/m<sup>3</sup>

Limit value type : DNEL Consumer (systemic)

Exposure route : Dermal

Exposure frequency : Long-term

Limit value : 2,5 MG/KG/ BODYWEIGHT/DAY

Limit value type : DMEL worker (systemic)

Exposure route : Dermal

Exposure frequency : Long-term

Limit value : 5 mg/kg

Limit value type : DMEL worker (systemic)

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 3,52 mg/m<sup>3</sup>

##### PNEC

3-C12-18-(even numbered)-alkylamido-N,N-dimethylpropan-1-ami ; CAS No. : 1471314-81-4

Limit value type : PNEC (Aquatic, freshwater)

Limit value : 30,3 µg/l

Limit value type : PNEC (Aquatic, marine water)

Limit value : 3,04 µg/l

Limit value type : PNEC (Sediment, freshwater)

Limit value : 0,214 mg/kg dry weight

Limit value type : PNEC (Sediment, marine water)

Limit value : 0,021 mg/kg dry weight

Limit value type : PNEC (Soil)

Limit value : 0,025 µg/l

Limit value type : PNEC (Sewage treatment plant)

Limit value : 9,7 µg/l

### 8.2 Exposure controls

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## Personal protection equipment



### Eye/face protection

Eye glasses with side protection

### Skin protection

Hand protection Suitable gloves type EN ISO 374 Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber) Required properties liquid-tight. Breakthrough time Permeation time (maximum wear duration) Thickness of the glove material Nitril: 0,12 mm Butyl: 0,50 mm

### 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 :** Liquid

**Colour :** transparent

**Odour :** characteristic

#### Safety characteristics

<b>Physical state :</b>			Liquid
<b>Melting point/freezing point :</b>			No data available
<b>Freezing point :</b>			No data available
<b>Initial boiling point and boiling range :</b>	( 1013 hPa )	>	100 °C
<b>Decomposition temperature :</b>		>	200 °C
<b>Flash point :</b>			not applicable
<b>Auto-ignition temperature :</b>			not applicable
<b>Lower explosion limit :</b>			not applicable
<b>Upper explosion limit :</b>			not applicable
<b>Vapour pressure :</b>	( 50 °C )		not applicable
<b>Density :</b>	( 20 °C )	approx.	1 g/cm <sup>3</sup>
<b>Water solubility :</b>	( 20 °C )		100 Weight-%
<b>Water solubility :</b>	( 20 °C )		not applicable
<b>pH :</b>			12,5
<b>Flow time :</b>	( 20 °C )		not applicable
<b>Viscosity :</b>	( 20 °C )		mPa*s
<b>Odour threshold :</b>			not applicable
<b>Vapourisation rate :</b>			not applicable
			DIN-cup 4 mm

### 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

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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 hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

##### Acute oral toxicity

Parameter :	LD50 ( 2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5 )
Exposure route :	Oral
Species :	Rat
Effective dose :	6580 mg/kg
Parameter :	ATE ( 3-C12-18-(even numbered)-alkylamido-N,N-dimethylpropan-1-ami ; CAS No. : 1471314-81-4 )
Exposure route :	Oral
Effective dose :	500 mg/kg
Parameter :	LD50 ( 3-C12-18-(even numbered)-alkylamido-N,N-dimethylpropan-1-ami ; CAS No. : 1471314-81-4 )
Exposure route :	Oral
Species :	Rat
Effective dose :	1666,67 mg/kg

##### Acute dermal toxicity

Parameter :	LD50 ( 2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5 )
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	4120 mg/kg

#### 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.

#### STOT-single exposure

No information available.

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## STOT-repeated exposure

No information available.

## Aspiration hazard

No information available.

## 11.2 Information on other hazards

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmless to aquatic organisms up to the tested concentration.

#### Aquatic toxicity

##### Chronic (long-term) fish toxicity

Parameter : NOEC ( 3-C12-18-(even numbered)-alkylamido-N,N-dimethylpropan-1-ami ; CAS No. : 1471314-81-4 )

Effective dose : 0,42 mg/l

##### Acute (short-term) toxicity to algae and cyanobacteria

Parameter : EC50 ( 3-C12-18-(even numbered)-alkylamido-N,N-dimethylpropan-1-ami ; CAS No. : 1471314-81-4 )

Species : Daphnia magna (Big water flea)

Effective dose : 19,9 mg/l

Exposure time : 48 h

### 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 Endocrine disrupting properties

No information available.

### 12.7 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.

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### 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

#### EU legislation

##### Authorisations and/or restrictions on use

##### Restrictions on use

##### Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3, 55, 75

##### Other regulations (EU)

##### Labelling for contents according to regulation (EC) No. 648/2004

None

### 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

03. Hazardous ingredients · 08. Occupational exposure limit values · 15. Restrictions on use

### 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



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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]

No information available.

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

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

### 16.6 Training advice

None

### 16.7 Additional information

None

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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.

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