

Safety Data Sheet

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



Trade name : Twin Air Foaming Power Wash - 159050
Revision date : 13-06-2016
Print date : 23-08-2022

Version (Revision) : 1.1.0 (1.0.0)

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

1.1 Product identifier

Twin Air Foaming Power Wash - 159050
Unique Formula Identifier : SSN2-P0KV-K004-CNPY

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

Relevant identified uses

PC 35 - Washing and cleaning products

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

Twin Air BV

Street : Eisenhowerweg 8

Postal code/City : 5466 AC Veghel

Telephone : +31 (0)413 343 040

Telefax : -

Website : www.twinair.com

1.4 Emergency telephone number

(08.00 - 17.00)

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]

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

2.2 Label elements

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

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Safety Data Sheet

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



Trade name : Twin Air Foaming Power Wash - 159050
Revision date : 13-06-2016
Print date : 23-08-2022

Version (Revision) : 1.1.0 (1.0.0)

Precautionary statements

P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands thoroughly after handling.
P337+P313 If eye irritation persists: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental hazard information

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

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

NATRIUMKOKOSPROPYLEENDIAMINPROPIONAAT ; REACH No. : 01-2119976233-35 ; EC No. : 307-455-7; CAS No. : 97659-50-2

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

ALCOHOLS, C9-11, ETHOXYLATE > 2,5 EO ; REACH No. : POLYMER ; CAS No. : 68439-46-3

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

QUATERNAIR COCOALKYL ETHOXYLATE ; REACH No. : POLYMER ; CAS No. : 1554325-20-0

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Aquatic Acute 1 ; H400

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

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.

Following ingestion

Safety Data Sheet

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



Trade name : Twin Air Foaming Power Wash - 159050
Revision date : 13-06-2016
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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

See protective measures under point 7 and 8.

SECTION 7: Handling and storage



Safety Data Sheet

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



Trade name : Twin Air Foaming Power Wash - 159050
Revision date : 13-06-2016
Print date : 23-08-2022

Version (Revision) : 1.1.0 (1.0.0)

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)

Hints on joint storage

Storage class : 12

Storage class (TRGS 510) : 12

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

Colour : orange

Odour : odourless

Safety characteristics

Physical state : Liquid

Melting point/freezing point : No data available

Initial boiling point and boiling range : (1013 hPa) > 100 °C

Decomposition temperature : > 200 °C

Freezing point : No data available

Flash point : not applicable

Auto-ignition temperature : > 250 °C

Lower explosion limit : not applicable

Upper explosion limit : not applicable

Vapour Pressure : (20 °C) No data available

Evaporation rate (n-butylacetate = 1) : No data available

Density : (20 °C) approx. 1,03 g/cm³

Water solubility : (20 °C) 100 Weight-%

pH : 10

Partition coefficient (n-octanol/water) : < 3

Viscosity : (20 °C) < 10 mPa*s

Vapour density (air = 1) : (101 kPa) No data available

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



Trade name : Twin Air Foaming Power Wash - 159050
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Version (Revision) : 1.1.0 (1.0.0)

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

Acute toxicity

Acute oral toxicity

Parameter : LD50 (QUATERNAIR COCOALKYL ETHOXYLATE ; CAS No. : 1554325-20-0)
Exposure route : Oral
Effective dose : 300 - 2000 mg/kg

Corrosion

Skin corrosion/irritation

non-irritant.

Serious eye damage/eye irritation

non-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

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

Safety Data Sheet

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



Trade name : Twin Air Foaming Power Wash - 159050
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12.1 Toxicity

Harmless to aquatic organisms up to the tested concentration.

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter :	LC50 (QUATERNAIR COCOALKYL ETHOXYLATE ; CAS No. : 1554325-20-0)
Species :	Fish
Effective dose :	10 - 100 mg/l
Exposure time :	96 h
Parameter :	EC50 (QUATERNAIR COCOALKYL ETHOXYLATE ; CAS No. : 1554325-20-0)
Species :	Daphnia
Effective dose :	0,11 - 1 mg/l
Exposure time :	48 h
Parameter :	EC50 (QUATERNAIR COCOALKYL ETHOXYLATE ; CAS No. : 1554325-20-0)
Species :	Algae
Effective dose :	1 - 10 mg/l
Exposure time :	72 h

12.2 Persistence and degradability

Biodegradable.

Biodegradation

Parameter :	Biodegradation (QUATERNAIR COCOALKYL ETHOXYLATE ; CAS No. : 1554325-20-0)
Inoculum :	Biodegradation
Degradation rate :	> 60 %
Evaluation :	Biodegradation Biodegradable.
Method :	OECD 301D

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.

12.6 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.

Safety Data Sheet

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



Trade name : Twin Air Foaming Power Wash - 159050
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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

National regulations

Water hazard class

Classification according to VwVwS - Class : nwg (Non-hazardous to water)

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. Classification of the substance or mixture

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

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Version (Revision) : 1.1.0 (1.0.0)

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]

No information available.

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

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.

16.6 Training advice

None

16.7 Additional information

None

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.