

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

1.1 Product identifier

Trade name/designation VIKING SHIELD

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

Relevant identified uses

Product categories [PC]

CAR CARE PRODUCT

1.3 Details of the supplier of the safety data sheet

Manufacturer

POLISHANGEL[®] GmbH

Tannenweg 4

Germany-83083 Riedering

Telephone: +49 (0) 89 - 255575602

Telefax: +49 (0) 89 - 255575603

E-mail: customerservice@polishangel.net

1.4 Emergency telephone number

Only available during office hours.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

health hazards

Acute Tox. 4

hazard statements for health hazards

H332 Harmful if inhaled.

remark

Not classified

2.2 Label elements

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

Hazard pictograms



GHS07

Signal word

Warning

Hazard statements

hazard statements for health hazards

H332 Harmful if inhaled.

Precautionary statements

General:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Prevention:

P271 Use only outdoors or in a well-ventilated area.

Special rules on packaging

Tactile warning according to EN/ISO 11683.

Labelling (67/548/EEC or 1999/45/EC)

Special provisions concerning the labelling of certain mixtures

Safety data sheet available for professional user on request.

2.3 Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.1/3.2 Substances/Mixtures

Hazardous ingredients

tetraethyl silicate	<2 %
CAS 78-10-4	
EC 201-083-8	
INDEX 014-005-00-0	
R10; Xn R20; Xi R36/37	
Flam. Liq. 3, H226 / Acute Tox. 4, H332 / Eye Irrit. 2, H319 / STOT SE 3, H335	
Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	<8 %
CAS 64742-48-9	
EC 265-150-3	
INDEX 649-327-00-6	
Carc. Cat. 2 R45; Muta. Cat. 2 R46; Xn R65	
Carc. 1B, H350 / Muta. 1B, H340 / Asp. Tox. 1, H304	
Titanium Dioxide	<45 %
CAS 13463-67-7	
Acrylic Polymers	<45 %
CAS 9003-01-4	
Silicia Dioxide	<40 %
CAS 7631-86-9	

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

Provide fresh air.

Following skin contact

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleansing agent and water.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Water

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam

Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water spray jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

not determined

5.3 Advice for firefighters

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures

Provide adequate ventilation.

6.2 Environmental precautions

No special environmental measures are necessary.

6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up:

Water (with cleaning agent)

Universal binder

6.4 Reference to other sections

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on general occupational hygiene

Avoid contact with skin, eyes and clothes. Work in well-ventilated zones or use proper respiratory protection.

Protective measures

Advices on safe handling

No special technical protective measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions

storage temperature

Value 5 - 30 °C

7.3 Specific end use(s)

Recommendation

No data available

SECTION 8: Exposure controls/personal protection

Additional information

Observe the expiry date.

8.1 Control parameters

No data available

8.2 Exposure controls

Personal protection equipment

Skin protection

Suitable gloves type:

Disposable gloves

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

emulsion

Colour

light brown

Odour

characteristic

	parameter	Method - source - remark
pH	7	
Melting point/freezing point		not determined
Initial boiling point and boiling range	>100 °C	
Flash point (°C)	>100 °C	
Evaporation rate		not determined
flammability		not determined
Upper explosion limit		not determined
Vapour pressure		not determined
Vapour density		not determined
Relative density	1,05 g/cm ³	Density
Fat solubility (g/L)		not determined
Water solubility (g/L)		not determined
Soluble (g/L) in		not determined
Partition coefficient: n-octanol/water		not determined
Auto-ignition temperature		not determined
Decomposition temperature		not determined

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2 Chemical stability

No exothermic decomposition at temperatures up to 300 °C.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

none

10.5 Incompatible materials

Materials to avoid

none

10.6 Hazardous decomposition products

none

SECTION 11: Toxicological information

Toxicokinetics, metabolism and distribution

Human toxicological data

No data available

11.1 Information on toxicological effects

No information available.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

not applicable

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

Dispose of waste according to applicable legislation. Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

Appropriate disposal / Package

Recycle sales packaging via DSD (Duales System Deutschland).

Waste code packaging 200399

hazardous waste No

Waste name

municipal wastes not otherwise specified

Waste code product 200399

hazardous waste No

Waste name

municipal wastes not otherwise specified

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	not applicable	not applicable	not applicable
14.2 Proper Shipping Name	not applicable	not applicable	not applicable
14.3 Class(es)	not applicable	not applicable	not applicable
14.4 Packing group	not applicable	not applicable	not applicable
14.5 ENVIRONMENTALLY HAZARDOUS	not applicable	not applicable	not applicable
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable	not applicable	not applicable

SECTION 15: Regulatory information

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

No data available

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information

Additional information

Information concerning special preventive measures on bulk ware are available on demand. Take care for the labels and safety data sheets of the chemicals to be used. 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.