according to Regulation (EC) No. 1907/2006



# Yachtcare High Gloss Finish

Version Revision Date: Date of last issue: -

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

1.1 Product identifier

Trade name : Yachtcare High Gloss Finish

Product code : 125.603

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

Use of the Sub- : Abrasive, Polish

stance/Mixture

1.3 Details of the supplier of the safety data sheet

Company : Vosschemie GmbH

Esinger Steinweg 50 25436 Uetersen

Germany

info@vosschemie.de

Telephone : 04122 717 0 Telefax : 04122 717158

Responsible Department : Laboratory

04122 717 0

sds@vosschemie.de

1.4 Emergency telephone number

Telephone : Giftinformationszentrum (GIZ)-Nord,

Göttingen, Deutschland

0551 19240

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### **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

#### 2.2 Label elements

## Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

### **Additional Labelling**

EUH210 Safety data sheet available on request.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## **SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

Chemical nature : Mixture

### Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
Hydrocarbons, C10-C13, n-	Not Assigned	Asp. Tox. 1; H304	>= 10 - < 20
alkanes, isoalkanes, cyclics, < 2%	918-481-9		
aromatics	01-2119457273-39		
Distillates (petroleum), solvent-	64741-89-5	Asp. Tox. 1; H304	>= 1 - < 10
refined light paraffinic; Baseoil -	265-091-3		
unspecified	649-455-00-2		
	01-2119487067-30		
Alcohols, C16-C18, ethoxylated	68439-49-6	Aquatic Chronic 3;	>= 1 - < 2.5
-	500-212-8	H412	

For explanation of abbreviations see section 16.

## **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

General advice : First aider needs to protect himself.

Move out of dangerous area.

If inhaled : Remove person to fresh air. If signs/symptoms continue, get

medical attention.

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In case of skin contact : Wash off immediately with soap and plenty of water.

If symptoms persist, call a physician.

In case of eye contact : In case of eye contact, remove contact lens and rinse imme-

diately with plenty of water, also under the eyelids, for at least

15 minutes.

If symptoms persist, call a physician.

If swallowed : Clean mouth with water and drink afterwards plenty of water.

If symptoms persist, call a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

None known.

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

Treatment : Treat symptomatically.

## **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

Water spray jet Alcohol-resistant foam

Dry powder

Carbon dioxide (CO2)

Unsuitable extinguishing

media

High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-

fighting

Build-up of dangerous/toxic fumes possible in cases of

fire/high temperature.

Hazardous combustion prod-

ucts

Carbon monoxide, carbon dioxide and unburned hydrocar-

bons (smoke).

Nitrogen oxides (NOx)

### 5.3 Advice for firefighters

Special protective equipment :

for firefighters

Wear self-contained breathing apparatus and protective suit.

Specific extinguishing meth-

ods

Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

Further information : In the event of fire and/or explosion do not breathe fumes.

Use water spray to cool unopened containers.

Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

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Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

#### SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear personal protective equipment.

Evacuate personnel to safe areas.

Ensure adequate ventilation.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform

respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

## **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

Technical measures : Ensure that eyewash stations and safety showers are close to

the workstation location.

Advice on safe handling : Handle in accordance with good industrial hygiene and safety

practice, based on the results of the workplace exposure as-

sessment

Wear personal protective equipment.

Advice on protection against

fire and explosion

Normal measures for preventive fire protection.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Store in original container.

Keep containers tightly closed in a dry, cool and well-

ventilated place.

Further information on stor-

age conditions

: Storage must be in accordance with the BetrSichV (Germany).

Advice on common storage : Keep away from food and drink.

Recommended storage tem-

perature

5 - 30 °C

according to Regulation (EC) No. 1907/2006



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7.3 Specific end use(s)

Specific use(s) : No data available

# **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

## **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis	
Aluminium oxide	1344-28-1	TWA (inhalable dust)	10 mg/m3	GB EH40	
Further information	For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols, The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'., Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.				
		TWA (Respirable dust)	4 mg/m3	GB EH40	
Further information	For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols, The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the body response that it elicits, depend on the nature				

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## Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Aluminium oxide	Workers	Inhalation	Long-term systemic effects, Long-term local effects	15.63 mg/m3
	Consumers	Oral	Long-term systemic effects	6.58 mg/kg
Distillates (petrole- um), solvent-refined light paraffinic; Baseoil -unspecified	Workers	Inhalation	Long-term systemic effects	2.7 mg/m3
	Workers	Inhalation	Long-term local ef- fects	5.6 mg/m3
	Workers	Skin contact	Long-term systemic effects	1 mg/kg
	Consumers	Oral	Long-term systemic effects	0.74 mg/kg

## Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Distillates (petroleum), solvent- refined light paraffinic; Baseoil - unspecified	Oral (Secondary Poisoning)	9.33 mg/kg

### 8.2 Exposure controls

## Personal protective equipment

Eye protection : Safety glasses with side-shields conforming to EN166

Hand protection

Material : Nitrile rubber

Break through time : > 480 min

Glove thickness : >= 0.45 mm

Directive : DIN EN 374

Protective index : Class 6

Remarks : Gloves should be discarded and replaced if there is any indi-

according to Regulation (EC) No. 1907/2006



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cation of degradation or chemical breakthrough.

The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protec-

tive glove.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different

from one producer to the other.

Preventive skin protection

Skin and body protection Please wear suitable protective clothing, e.g. made of cotton

or heat-resistant synthetic fibres.

Long sleeved clothing

Apply technical measures to comply with the occupational Respiratory protection

exposure limits.

No personal respiratory protective equipment normally re-

quired.

Protective measures Use only with adequate ventilation.

Ensure that eye flushing systems and safety showers are

located close to the working place.

Handle in accordance with good industrial hygiene and safety

practice, based on the results of the workplace exposure

assessment

Avoid contact with the skin and the eyes. When using do not eat, drink or smoke.

### **Environmental exposure controls**

Soil Avoid subsoil penetration.

### **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Appearance paste

Colour white

Odour characteristic

pΗ > 7

Melting point/range No data available

> 100 °C Boiling point/boiling range

Flash point > 65 °C

Upper explosion limit / Upper

flammability limit

Not applicable

Lower explosion limit / Lower

flammability limit

Not applicable

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Vapour pressure : No data available

Density : 1.5 g/cm3 (20 °C)

Solubility(ies)

Water solubility : partly miscible

Partition coefficient: n-

octanol/water

: No data available

Ignition temperature : No data available

Viscosity

Viscosity, dynamic : not determined

Viscosity, kinematic : > 20.5 mm2/s (40 °C)

### 9.2 Other information

No data available

## **SECTION 10: Stability and reactivity**

## 10.1 Reactivity

No decomposition if used as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

## 10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : None known.

## 10.6 Hazardous decomposition products

In case of fire hazardous decomposition products may be produced such as: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

### Acute toxicity

Not classified based on available information.

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#### Components:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Method: OECD Test Guideline 401

Assessment: The substance or mixture has no acute oral tox-

icity

Acute inhalation toxicity : LC50 (Rat): > 5.6 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Test substance: Aerosol

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Method: OECD Test Guideline 402

Assessment: The substance or mixture has no acute dermal

toxicity

Distillates (petroleum), solvent-refined light paraffinic; Baseoil -unspecified:

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 5.53 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5,000 mg/kg

Method: OECD Test Guideline 402

#### Skin corrosion/irritation

Not classified based on available information.

#### **Components:**

### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

Assessment : Repeated exposure may cause skin dryness or cracking.

## Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitisation

## Skin sensitisation

Not classified based on available information.

## Respiratory sensitisation

Not classified based on available information.

## Germ cell mutagenicity

Not classified based on available information.

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### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.

### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

Not classified based on available information.

## Aspiration toxicity

Not classified based on available information.

### **Components:**

## Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

May be fatal if swallowed and enters airways.

## Distillates (petroleum), solvent-refined light paraffinic; Baseoil -unspecified:

May be fatal if swallowed and enters airways.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

### **Components:**

## Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): > 1,000 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other :

aquatic invertebrates

EL50 (Daphnia magna (Water flea)): > 1,000 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

Toxicity to algae : EL50 (Pseudokirchneriella subcapitata (green algae)): > 1,000

ma/l

Exposure time: 72 h

Method: OECD Test Guideline 201

Toxicity to fish (Chronic tox-

icity)

NOELR: 101 mg/l Exposure time: 28 d

Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other :

aquatic invertebrates (Chron-

NOELR: 176 mg/l Exposure time: 21 d

ic toxicity)

Species: Daphnia magna (Water flea)

Distillates (petroleum), solvent-refined light paraffinic; Baseoil -unspecified:

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Toxicity to fish : LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other :

aquatic invertebrates

EL50 (Daphnia magna (Water flea)): > 10,000 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

Toxicity to algae : NOEL (Pseudokirchneriella subcapitata (algae)): >= 100 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic toxicity)

NOELR: 10 mg/l Exposure time: 21 d

Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211

**Ecotoxicology Assessment** 

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Alcohols, C16-C18, ethoxylated:

**Ecotoxicology Assessment** 

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

**Components:** 

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

Biodegradability : Biodegradation: 80 %

Exposure time: 28 d

Method: OECD Test Guideline 301F

12.3 Bioaccumulative potential

Components:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

Bioaccumulation : Bioconcentration factor (BCF): 2,500

Alcohols, C16-C18, ethoxylated:

Partition coefficient: n-

: log Pow: 7.07 (25 °C)

octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

**Product:** 

according to Regulation (EC) No. 1907/2006



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Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher...

### 12.6 Other adverse effects

**Product:** 

Additional ecological infor-

mation

No data available

## **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

Product : Do not dispose of with domestic refuse.

Dispose of in accordance with local regulations. Send to a licensed waste management company.

Contaminated packaging : Empty containers should be taken to an approved waste han-

dling site for recycling or disposal.

Packaging that is not properly emptied must be disposed of as

the unused product.

Dispose of in accordance with local regulations.

Waste Code : The following Waste Codes are only suggestions:

12 01 20, spent grinding bodies and grinding materials con-

taining hazardous substances

120121, spent grinding bodies and grinding materials other

than those mentioned in 12 01 20

## **SECTION 14: Transport information**

## 14.1 UN number

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

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### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

## **SECTION 15: Regulatory information**

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

REACH - Candidate List of Substances of Very High : Not applicable

Concern for Authorisation (Article 59).

REACH - List of substances subject to authorisation : Not applicable

(Annex XIV)

Regulation (EC) No 1005/2009 on substances that de- : Not applicable

plete the ozone layer

Regulation (EC) No 850/2004 on persistent organic pol- : Not applicable

lutants

REACH - Restrictions on the manufacture, placing on : Not applicable

the market and use of certain dangerous substances,

preparations and articles (Annex XVII)

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

#### 15.2 Chemical safety assessment

#### **SECTION 16: Other information**

### **Full text of H-Statements**

H304 : May be fatal if swallowed and enters airways. H412 : Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard

Asp. Tox. : Aspiration hazard

GB EH40 : UK. EH40 WEL - Workplace Exposure Limits

GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System;

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GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory: TRGS - Technical Rule for Hazardous Substances: TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### **Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.