



PURPLE Vinylcare Gel

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

1.1. Product identifier

PURPLE Vinylcare Gel

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

Use of the substance/mixture

Automotive care products

1.3. Details of the supplier of the safety data sheet

Company name:	SCHOLL Concepts GmbH	
	Polish & Pad Manufaktur	
Street:	Maybachstrasse 7	
Place:	D-71686 Remseck	
Telephone:	+49 (0) 7141 29299 - 0	Telefax: +49 (0) 7141 29299 - 10
e-mail:	sds@schollconcepts.com	
Internet:	www.schollconcepts.com	

1.4. Emergency telephone number: +49 (0) 89 19240 (Giftnotruf Technische Universität München)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

This product has been treated with biocides for preservation.

Precautionary statements

P102 Keep out of reach of children.

Special labelling of certain mixtures

EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1).. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

**PURPLE Vinylcare Gel****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64-17-5	ethanol			5 - < 10 %
	200-578-6		01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			
112-34-5	diethylene glycol monobutyl ether			1 - < 5 %
	203-961-6		01-2119475104-44	
	Eye Irrit. 2; H319			
541-02-6	Decamethylcyclopentasiloxan			< 1 %
	208-764-9		01-2119511367-43	
540-97-6	Dodecamethylcyclohexasiloxane			< 1 %
	208-762-8		01-2119517435-42	

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

No special measures are necessary. When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse.

After contact with eyes

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

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a doctor.

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

No information available.

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

Treat symptomatically.



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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam. Dry extinguishing powder. Carbon dioxide (CO₂). Water spray jet. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

No special measures are necessary.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. 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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Advice on protection against fire and explosion

No special fire protection measures are necessary. Only use the material in places where open light, fire and other flammable sources can be kept away.



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Further information on handling

Take off contaminated clothing. Wash hands before breaks and after work. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed.

Hints on joint storage

Do not store together with: Oxidising agent. Strong acid. Strong alkali.

Further information on storage conditions

Recommended storage temperature: 15-25°C

7.3. Specific end use(s)

Automotive care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL



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DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64-17-5	ethanol			
Consumer DNEL, long-term		dermal	systemic	206 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	87 mg/kg bw/day
Worker DNEL, acute		inhalation	local	1900 mg/m ³
Worker DNEL, long-term		inhalation	systemic	950 mg/m ³
Worker DNEL, long-term		dermal	systemic	343 mg/kg bw/day
Consumer DNEL, acute		inhalation	local	950 mg/m ³
112-34-5	diethylene glycol monobutyl ether			
Consumer DNEL, long-term		dermal	systemic	10 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	67,5 mg/m ³
Worker DNEL, long-term		dermal	systemic	20 mg/kg bw/day
Consumer DNEL, acute		inhalation	local	50,6 mg/m ³
Consumer DNEL, long-term		inhalation	local	34 mg/m ³
Worker DNEL, acute		inhalation	local	101,2 mg/m ³
Worker DNEL, long-term		inhalation	local	67,5 mg/m ³
Consumer DNEL, long-term		oral	systemic	1,25 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	34 mg/m ³
541-02-6	Decamethylcyclopentasiloxan			
Worker DNEL, long-term		inhalation	systemic	97,3 mg/m ³
Worker DNEL, acute		inhalation	systemic	97,3 mg/m ³
Worker DNEL, long-term		inhalation	local	24,2 mg/m ³
Worker DNEL, acute		inhalation	local	24,2 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	17,3 mg/m ³
Consumer DNEL, long-term		inhalation	local	4,3 mg/m ³
Consumer DNEL, long-term		oral	systemic	5 mg/kg bw/day
540-97-6	Dodecamethylcyclohexasiloxane			
Worker DNEL, long-term		inhalation	systemic	11 mg/m ³
Worker DNEL, long-term		inhalation	local	1,22 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	2,7 mg/m ³
Consumer DNEL, long-term		inhalation	local	0,3 mg/m ³



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Consumer DNEL, long-term	oral	systemic	1,7 mg/kg bw/day
Consumer DNEL, acute	oral	systemic	1,7 mg/kg bw/day

PNEC values

CAS No	Substance	Value
Environmental compartment		
64-17-5	ethanol	
Freshwater		0,96 mg/l
Marine water		0,79 mg/l
Freshwater sediment		3,6 mg/kg
Marine sediment		2,9 mg/kg
Micro-organisms in sewage treatment plants (STP)		580 mg/l
Soil		0,63 mg/kg
112-34-5	diethylene glycol monobutyl ether	
Freshwater		1,1 mg/l
Marine water		0,11 mg/l
Freshwater sediment		4,4 mg/kg
Marine sediment		0,44 mg/kg
Secondary poisoning		56 mg/kg
Micro-organisms in sewage treatment plants (STP)		200 mg/l
Soil		0,32 mg/kg
541-02-6	Decamethylcyclopentasiloxan	
Freshwater		0,0012 mg/l
Marine water		0,00012 mg/l
Freshwater sediment		11 mg/kg
Marine sediment		1,1 mg/kg
Soil		1,27 mg/kg
540-97-6	Dodecamethylcyclohexasiloxane	
Freshwater sediment		13 mg/kg
Marine sediment		1,3 mg/kg
Secondary poisoning		66,7 mg/kg
Soil		3,77 mg/kg

8.2. Exposure controls

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Appropriate engineering controls

Use only in well-ventilated areas.

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray.

Eye/face protection

Wear eye protection/face protection. Suitable eye protection: Eye glasses with side protection (DIN EN 166)

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Tested protective gloves must be worn. Recommended glove articles : Rotiprotect Nitril eco, Thickness of the glove material 0,1 mm, level 1 < 10 min. (DIN EN 374)

Skin protection

Wear suitable protective clothing.

Respiratory protection

Warning! In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

No special environmental measures are necessary. Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
 Colour: red violet
 Odour: fruity

pH-Value (at 20 °C): 7,9

Changes in the physical state

Melting point: not determined
 Initial boiling point and boiling range: 78 °C

Test method



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Flash point:	47 °C DIN 51755
Sustaining combustion:	Not sustaining combustion
Flammability	
Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	3,5 vol. %
Upper explosion limits:	5,9 vol. %
Ignition temperature:	400 °C
Auto-ignition temperature	
Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined
Oxidizing properties	
Not oxidising.	
Vapour pressure: (at 20 °C)	<0,1 hPa
Density (at 20 °C):	0,99 g/cm ³
Water solubility:	completely miscible
Solubility in other solvents	
not determined	
Partition coefficient:	not determined
Viscosity / dynamic: (at 20 °C)	1000-2000 mPa·s
Vapour density:	not determined
Evaporation rate:	not determined
Solvent content:	10,05 %
9.2. Other information	
Solid content:	not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions



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No known hazardous reactions.

10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

10.5. Incompatible materials

Strong acid. Strong alkali. Highly oxidising substances.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

Based on available data, the classification criteria are not met.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-17-5	ethanol				
	oral	LD50 mg/kg	7060	Rat	GESTIS
	dermal	LD50 mg/kg	>20000	Rabbit	literature value
	inhalation (4 h) vapour	LC50 mg/l	117-125	Rat	ECHA
112-34-5	diethylene glycol monobutyl ether				
	oral	LD50 mg/kg	5660	Rat	GESTIS
	dermal	LD50 mg/kg	2700	Rabbit	GESTIS
541-02-6	Decamethylcyclopentasiloxan				
	oral	LD50 mg/kg	>5000	Rat	ECHA
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA
540-97-6	Dodecamethylcyclohexasiloxane				
	oral	LD50 mg/kg	>2000	Rat	OECD 423
	dermal	LD50 mg/kg	>2000	Rat	OECD 402

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1).. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].



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SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64-17-5	ethanol					
	Acute fish toxicity	LC50 mg/l 8140	96 h	Leuciscus idus (golden orfe)	ECHA	
	Acute algae toxicity	ErC50 mg/l >100	96 h	Chlorella pyrenoidosa	literature value	
	Acute crustacea toxicity	EC50 mg/l 9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID	
112-34-5	diethylene glycol monobutyl ether					
	Acute fish toxicity	LC50 mg/l 1300	96 h	Lepomis macrochirus (Bluegill)	ECHA	OECD 203
	Acute algae toxicity	ErC50 mg/l > 100	96 h	Scenedesmus sp.	ECHA	OECD 201
	Acute crustacea toxicity	EC50 mg/l > 100	48 h	Daphnia magna	ECHA	92/69/EWG, C.2
	Algae toxicity	NOEC mg/l >100	1 d	Scenedesmus sp.		
541-02-6	Decamethylcyclopentasiloxan					
	Acute fish toxicity	LC50 mg/l >0,016	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA	OECD 203
	Acute algae toxicity	ErC50 mg/l >0,012	96 h	Pseudokirchneriella subcapitata	ECHA	OECD 201
	Acute crustacea toxicity	EC50 mg/l >0,0029	48 h	Daphnia magna (Big water flea)	ECHA	OECD 202
	Fish toxicity	NOEC mg/l >0,0014	90 d	Oncorhynchus mykiss (Rainbow trout)	ECHA	OECD 210
	Crustacea toxicity	NOEC mg/l >0,0015	21 d	Daphnia magna (Big water flea)	ECHA	OECD 211
540-97-6	Dodecamethylcyclohexasiloxane					
	Acute algae toxicity	ErC50 mg/l 0,002	72 h	Pseudokirchneriella subcapitata	ECHA	OECD 201
	Fish toxicity	NOEC mg/l 0,0044	49 d	Pimephales promelas (fathead minnow)		
	Algae toxicity	NOEC mg/l 0,002	3 d	Pseudokirchneriella subcapitata		OECD 201
	Crustacea toxicity	NOEC mg/l 0,0046	21 d	Daphnia magna (Big water flea)		

12.2. Persistence and degradability

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
64-17-5	ethanol	OECD 301 C	>89%	14	ECHA
	Readily biodegradable (according to OECD criteria).				
112-34-5	diethylene glycol monobutyl ether	OECD 301 C	>80 %	28	ECHA
	Readily biodegradable (according to OECD criteria).				
541-02-6	Decamethylcyclopentasiloxan	OECD 310	0,14%	28	ECHA
	According to experiences this product is inert and not degradable.				
540-97-6	Dodecamethylcyclohexasiloxane	OECD 310	4,5%	28	ECHA
	Not readily biodegradable (according to OECD criteria)				
		OECD 301B	57%	28	DOW
	Not readily biodegradable (according to OECD criteria)				

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol	-0,31
112-34-5	diethylene glycol monobutyl ether	0,56
540-97-6	Dodecamethylcyclohexasiloxane	>7

BCF

CAS No	Chemical name	BCF	Species	Source
541-02-6	Decamethylcyclopentasiloxan	7,06		OECD 305
540-97-6	Dodecamethylcyclohexasiloxane	<100		

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.



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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

- | | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Inland waterways transport (ADN)

- | | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Marine transport (IMDG)

- | | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Air transport (ICAO-TI/IATA-DGR)

- | | |
|-----------------------------------|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no



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14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):

Decamethylcyclopentasiloxan; Dodecamethylcyclohexasiloxane

Restrictions on use (REACH, annex XVII):

Entry 55: diethylene glycol monobutyl ether

Entry 70: Decamethylcyclopentasiloxan

2010/75/EU (VOC): 7,203 % (71,314 g/l)

2004/42/EC (VOC): 10,501 % (103,958 g/l)

Additional information

To follow: 850/2004/EC, 1107/2009/EC, 649/2012/EC.

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

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

Substance/product listed in the following inventories

EU / Schweiz	yes
Taiwan	yes
New Zealand	unknown
Canada	yes
Australia	yes
Japan	yes
China	yes
Korea	yes
Philippines	unknown

**PURPLE Vinylcare Gel****SECTION 16: Other information****Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1).. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

Further Information

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.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Formulation or re-packing	F	-	-	8a, 9	2	-	-	
2	Automotive care products, Industrial uses	IS	-	-	7, 10, 17	4	-	-	
3	Automotive care products, Professional uses	PW	-	-	10, 11, 17	8a	-	-	
4	Automotive care products, Consumer use	C	-	31	-	8a	-	-	

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories



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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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