

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date 14. March 2019
Revision date Version 1.0

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

- 1.1. Product identifier**
Substance / mixture Glass polish
Number 000096329A
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use Polishing and grease
- The use descriptors**
C Consumer use
- Mixture uses advised against The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
- Supplier**
Name or trade name ŠKODA AUTO a.s.
Address tř. Václava Klementa 869, Mladá Boleslav II, 293 01
Czech Republic
VAT Reg No CZ00177041
Phone +420 326 811 111
E-mail msds@skoda-auto.cz
Web address www.skoda-auto.cz
- Competent person responsible for the safety data sheet**
Name Ing. Tadeáš Narovec
E-mail tadeas.narovec@skoda-auto.cz
- 1.4. Emergency telephone number**
National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111

SECTION 2: Hazards identification

- 2.1. Substance or mixture classification**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is classified as dangerous.

Skin Sens. 1A, H317
Aquatic Chronic 3, H412

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment

May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

- 2.2. Label elements**
Hazard pictogram



Signal word
Warning

Hazardous substances

(R) -p-mentha-1,8-diene
1,2-benzisothiazol-3(2H) -one
2-methyl-2,3-dihydro-1,2-thiazol-3-one

Hazard statements

H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS: 1174921-73-3 EC: 927-241-2 Registration number: 01-2119471843-32-xxxx	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics	5-10	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 3, H412	
Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25	isopropanol	1-2,5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	2
CAS: 1569-01-3 EC: 216-372-4 Registration number: 01-2119474443-37	1-propoxy, 2-propanol	1-2,5	Flam. Liq. 3, H226 Eye Irrit. 2, H319	
CAS: 52668-97-0 EC: 610-881-9	Poly(oxy-1,2-ethanediyl), α-(1-oxooctadecen-1-yl)-ω-[(1-oxooctadecen-1-yl)oxy]-	1-2,5	Skin Irrit. 2, H315	
Index: 601-029-00-7 CAS: 5989-27-5 EC: 227-813-5 Registration number: 01-2119529223-47-xxxx	(R) -p-mentha-1,8-diene	<1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400, M=1 Aquatic Chronic 1, H410	1
Index: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9 Registration number: 01-2120761540-60-xxxx	1,2-benzisothiazol-3(2H) -one	<0,01	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400, M=10 Specific concentration limit: Skin Sens. 1, H317: C ≥ 0,05 %	
CAS: 2682-20-4 EC: 220-239-6 Registration number: 01-2120764690-50	2-methyl-2,3-dihydro-1,2-thiazol-3-one	<0,01	Acute Tox. 3, H301+H311 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Acute Tox. 2, H330 Aquatic Acute 1, H400, M=10 Aquatic Chronic 1, H410, M=1 Specific concentration limit: Skin Sens. 1A, H317: C ≥ 0,0015 %	

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

Notes

- Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
- Substance for which exposure limits of Community for working environment exist.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

Inhalation

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

Skin contact

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

Ingestion

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

Inhalation

Not expected.

Skin contact

May cause an allergic skin reaction.

Eye contact

Not expected.

Ingestion

Irritation, nausea.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date 14. March 2019
Revision date Version 1.0

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
isopropanol (CAS: 67-63-0)	WEL	8 hours	999 mg/m ³		Gestis
	WEL	Short-term	1250 mg/m ³		
	WEL	8 hours	400 ppm		
	WEL	Short-term	500 ppm		
	WEL	15 minutes	1250 mg/m ³		GBR
	WEL	15 minutes	500 ppm		

8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

It is not needed.

Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid
Physical state	liquid at 20°C
color	white
Odour	characteristic
Odour threshold	data not available
pH	8.2 (undiluted)
Melting point/freezing point	data not available

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

Initial boiling point and boiling range	>80 °C
Flash point	42 °C
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	data not available
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	data not available
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Kinematic viscosity	>20.5 mm ² /s at 40°C
Explosive properties	The product does not have explosive properties.
Oxidising properties	The product has no oxidizing properties.
9.2. Other information	
Density	1.02 g/cm ³ at 20 °C
ignition temperature	data not available

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

(R) -p-mentha-1,8-diene

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
	LD ₅₀		>2000 mg/kg		Rat	

1,2-benzisothiazol-3(2H) -one

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀		1020 mg/kg		Rat	
Dermal	LD ₅₀		>2000 mg/kg		Rat	

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

1-propoxy, 2-propanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀		2490 mg/kg		Rat	
Dermal	LD ₅₀		3775 mg/kg		Rabbit	

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀		120 mg/kg		Rat (Rattus norvegicus)	
Inhalation (dust/mist)	LC ₅₀	OECD 403	0.11 mg/l	4 hour	Rat (Rattus norvegicus)	
Dermal	LD ₅₀	OECD 402	242 mg/kg		Rat (Rattus norvegicus)	

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀		>5000 mg/kg		Rat	
Inhalation (vapor)	LC ₅₀		>4951 mg/m ³	4 hour	Rat	
Dermal	LD ₅₀		>3160 mg/kg		Rabbit	

isopropanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Inhalation	LC ₅₀	OECD 403	>10000 ppm	6 hour	Rat	F/M
Oral	LD ₅₀		>5000 mg/kg		Rat	
Inhalation	LC ₅₀		72.6 mg/l	4 hour	Rat	
Dermal	LD ₅₀		>5000 mg/kg		Rat	

Poly(oxy-1,2-ethanediyl), α-(1-oxooctadecen-1-yl)-ω-[(1-oxooctadecen-1-yl)oxy]-

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀		>2000 mg/kg		Rat	

Skin corrosion/irritation

Causes skin irritation.

(R) -p-mentha-1,8-diene

Route of exposure	Result	Time of exposure	Species
Dermal	Irritating		Rabbit

1,2-benzisothiazol-3(2H) -one

Route of exposure	Result	Time of exposure	Species
Dermal	Irritating		

1-propoxy, 2-propanol

Route of exposure	Result	Time of exposure	Species
	Slightly irritating		Rabbit

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Route of exposure	Result	Time of exposure	Species
Dermal	Caustic		

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Result	Time of exposure	Species
Dermal	Slightly irritating, Drying and cracking of the skin		Rabbit

isopropanol

Route of exposure	Result	Time of exposure	Species
	Not irritating		Rabbit

Poly(oxy-1,2-ethanediyl), α -(1-oxooctadecen-1-yl)- ω -[(1-oxooctadecen-1-yl)oxy]-

Route of exposure	Result	Time of exposure	Species
Dermal	Irritating		

Serious eye damage/irritation

Causes serious eye irritation.

(R) -p-mentha-1,8-diene

Route of exposure	Result	Method	Time of exposure	Species
Eye	Not irritating			Rabbit

1,2-benzisothiazol-3(2H) -one

Route of exposure	Result	Method	Time of exposure	Species
Eye	Serious eye damage			

1-propoxy, 2-propanol

Route of exposure	Result	Method	Time of exposure	Species
	Irritating			Rabbit

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Route of exposure	Result	Method	Time of exposure	Species
	Serious eye damage			

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Result	Method	Time of exposure	Species
Eye	Not irritating	OECD 405		Rabbit

isopropanol

Route of exposure	Result	Method	Time of exposure	Species
Eye	Serious eye damage	OECD 405		Rabbit

Poly(oxy-1,2-ethanediyl), α -(1-oxooctadecen-1-yl)- ω -[(1-oxooctadecen-1-yl)oxy]-

Route of exposure	Result	Method	Time of exposure	Species
	Not irritating			Rabbit

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

Respiratory or skin sensitisation

May cause an allergic skin reaction.

(R) -p-mentha-1,8-diene

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Sensitizing			Mouse (lymphoma)	

1,2-benzisothiazol-3(2H) -one

Route of exposure	Result	Method	Time of exposure	Species	Sex
	Sensitizing				

1-propoxy, 2-propanol

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Not sensitizing			Mouse (lymphoma)	

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Sensitizing				

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Not sensitizing			Guinea-pig (Cavia aperea f. porcellus)	

isopropanol

Route of exposure	Result	Method	Time of exposure	Species	Sex
	Not sensitizing	OECD 406		Guinea-pig	F/M

Poly(oxy-1,2-ethanediyl), α -(1-oxooctadecen-1-yl)- ω -[(1-oxooctadecen-1-yl)oxy]-

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Not sensitizing			Guinea-pig (Cavia aperea f. porcellus)	

Mutagenicity

isopropanol

Result	Time of exposure	Specific target organ	Species	Sex
Negative without metabolic regeneration, Negative with metabolic regeneration		Ovary	Guinea-pig	F/M
Negative			Mouse	

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

Germ cell mutagenicity

Based on available data the classification criteria are not met.

(R) -p-mentha-1,8-diene

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	in vitro				
Negative	in vivo			Rat	

1,2-benzisothiazol-3(2H) -one

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	in vitro				

1-propoxy, 2-propanol

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	OECD 476				

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	in vitro				
Negative	OECD 486			Rat (Rattus norvegicus)	

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	in vitro				
Negative	in vivo			Mouse	

isopropanol

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	in vitro				

Poly(oxy-1,2-ethanediyl), α -(1-oxooctadecen-1-yl)- ω -[(1-oxooctadecen-1-yl)oxy]-

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	in vitro				

Carcinogenicity

Based on available data the classification criteria are not met.

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Route of exposure	Parameter	Method	Value	Time of exposure	Specific target organ	Result	Species	Sex
Oral		OECD 416				Negative	Rat (Rattus norvegicus)	
Oral		OECD 414			Fetus	Negative	Rat (Rattus norvegicus)	

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Method	Value	Time of exposure	Specific target organ	Result	Species	Sex
Inhalation (vapor)				105 week		Not carcinogenic	Rat	

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date

14. March 2019

Revision date

Version

1.0

isopropanol

Route of exposure	Parameter	Method	Value	Time of exposure	Specific target organ	Result	Species	Sex
		OECD 451		104 week			Rat	

Reproductive toxicity

Based on available data the classification criteria are not met.

1-propoxy, 2-propanol

	Parameter	Method	Value	Result	Species	Sex
Effects on fertility		OECD 416		Negative	Rat	
Developmental toxicity				Negative	Rabbit	

isopropanol

	Parameter	Method	Value	Result	Species	Sex
Effects on fertility				Negative	Rat	
Developmental toxicity				Negative	Rat	

Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Value	Result	Species	Sex
			Drowsiness, Dizziness		

isopropanol

Route of exposure	Parameter	Value	Result	Species	Sex
			Drowsiness, Dizziness		

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

isopropanol

Route of exposure	Parameter	Method	Value	Time of exposure	Result	Species	Sex
Inhalation	NOEC	OECD 413	5000 ppm	104 week		Rat	F/M

Repeated dose toxicity

(R) -p-mentha-1,8-diene

Route of exposure	Parameter	Result	Value	Time of exposure	Species	Sex
Oral	NOAEL		600 mg/kg	13 week		

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Result	Value	Time of exposure	Species	Sex
Inhalation (vapor)	NOAEL		10186 mg/kg	13 week	Rat	

Poly(oxy-1,2-ethanediyl), α -(1-oxooctadecen-1-yl)- ω -[(1-oxooctadecen-1-yl)oxy]-

Route of exposure	Parameter	Result	Value	Time of exposure	Species	Sex
Oral	NOAEL		1000 mg/kg		Rat	

Aspiration hazard

May be fatal if swallowed and enters airways. Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Harmful to aquatic life with long lasting effects.

(R) -p-mentha-1,8-diene

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀		0.72 mg/l	96 hour	Fishes (Pimephales promelas)	
EC ₅₀		0.36 mg/l	48 hour	Daphnia (Daphnia magna)	
ErC ₅₀		150 mg/l	72 hour	Algae (Desmodesmus subspicatus)	

1,2-benzisothiazol-3(2H) -one

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀		1.6 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
EC ₅₀		1.1 mg/l	48 hour	Daphnia (Daphnia magna)	
EC ₅₀		0.15 mg/l	72 hour	Algae (Selenastrum capricornutum)	

1-propoxy, 2-propanol

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀		>100 mg/l	48 hour	Daphnia (Daphnia magna)	
EC ₅₀		3440 mg/kg	72 hour	Algae (Selenastrum capricornutum)	

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀		4.77-6 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	Freshwater
EC ₅₀		0.93-1.9 mg/l	48 hour	Daphnia (Daphnia magna)	Freshwater

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date 14. March 2019
 Revision date Version 1.0

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Parameter	Method	Value	Time of exposure	Species	Environment
ErC ₅₀		0.0695 mg/l	24 hour	Algae (Skeletonema costatum)	Salt water

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Parameter	Method	Value	Time of exposure	Species	Environment
LL ₅₀	OECD 203	>10-30 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
EL ₅₀	OECD 202	>22-46 mg/l	48 hour	Daphnia (Daphnia magna)	
EL ₅₀	OECD 201	>1000 mg/l	72 hour	Algae (Pseudokirchneriella subcapitata)	

isopropanol

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀		>10000 mg/l	24 hour	Daphnia (Daphnia magna)	Freshwater
LC ₅₀		9640 mg/l	96 hour	Fishes (Pimephales promelas)	Freshwater
		1050 mg/l	16 hour	Bacteria (Pseudomonas putida)	

Chronic toxicity

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Parameter	Value	Time of exposure	Species	Environment
NOEC	2.1 mg/ml	33 day	Fishes (Pimephales promelas)	
NOEC	0.04 mg/kg	21 day	Daphnia (Daphnia magna)	Freshwater

12.2. Persistence and degradability

Biodegradability

(R) -p-mentha-1,8-diene

Parameter	Method	Value	Time of exposure	Environment	Result
		80 %	28 day		Easily biodegradable

1,2-benzisothiazol-3(2H) -one

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 303				Biodegradable

1-propoxy, 2-propanol

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301A	91.5 %	28 day		

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date 14. March 2019
Revision date Version 1.0

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Parameter	Method	Value	Time of exposure	Environment	Result
					Hardly biodegradable

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301F	89 %	28 day		Easily biodegradable

isopropanol

Parameter	Method	Value	Time of exposure	Environment	Result
					Biodegradable

Data not available.

12.3. Bioaccumulative potential

(R) -p-mentha-1,8-diene

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	4.38				

1,2-benzisothiazol-3(2H) -one

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	-0.34				

2-methyl-2,3-dihydro-1,2-thiazol-3-one

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	-0.34				

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	0.05				

isopropanol

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	0.05				

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date 14. March 2019
Revision date Version 1.0

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

07 06 04 other organic solvents, washing liquids and mother liquors

Packaging waste type code

15 01 10 packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1. UN number

Not subject to ADR.

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

not available

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H301+H311	Toxic if swallowed or in contact with skin.

Guidelines for safe handling used in the safety data sheet

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container to be handing over to the person authorized to dispose of waste or by returning to the supplier.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.

A list of additional standard phrases used in the safety data sheet

EUH 066	Repeated exposure may cause skin dryness or cracking.
EUH 071	Corrosive to the respiratory tract.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC ₅₀	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log Kow	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

Glass polish

Creation date	14. March 2019	Version	1.0
Revision date			

RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment
Asp. Tox.	Aspiration hazard
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.