

SAFETY DATA SHEET



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

Wheel rim cleaning gel

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 Wheel rim cleaning gel
Number 000096304C
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use Cleaning agent.
- 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
Eye Irrit. 2, H319

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

Most serious adverse effects on human health and the environment

Causes serious eye irritation. 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

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

Hazard statements

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statements

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

P102 Keep out of reach of children.

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P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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: 7320-34-5 EC: 230-785-7 Registration number: 01-2119489369-18	Tetrapotassium pyrophosphate	10-25	Eye Irrit. 2, H319	
CAS: 15763-76-5 EC: 239-854-6 Registration number: 01-2119489411-37	Sodium Cumenesulfonate	2,5-5	Eye Irrit. 2, H319	
CAS: 14171-00-7 EC: 238-015-1 Registration number: 01-2120769314-51	N-dodecyl- β -alanine, compound with 2,2',2''-nitrioltriethanol (1:1)	1-2,5	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: 603-014-00-0 CAS: 111-76-2 EC: 203-905-0 Registration number: 01-2119475108-36	2-butoxyethanol	1-2,5	Acute Tox. 4, H302+H312+H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319	1
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 \geq 0,0015 %	

Notes

1 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.

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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. Provide medical treatment, specialized if possible.

Ingestion

DO NOT INDUCE VOMITING! Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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

Inhalation

Not expected.

Skin contact

May cause an allergic skin reaction.

Eye contact

Causes serious eye irritation.

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.

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.

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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. Wash hands and exposed parts of the body thoroughly after handling. 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.

European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
2-butoxyethanol (CAS: 111-76-2)	OEL	8 hours	98 mg/m ³		EU limits
	OEL	8 hours	20 ppm		
	OEL	Short-term	246 mg/m ³		
	OEL	Short-term	50 ppm		
	OEL	8 hours	98 mg/m ³	skin	
	OEL	8 hours	20 ppm	skin	
	OEL	Short-term	246 mg/m ³	skin	
	OEL	Short-term	50 ppm	skin	

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
2-butoxyethanol (CAS: 111-76-2)	WEL	8 hours	123 mg/m ³		Gestis
	WEL	Short-term	246 mg/m ³		
	WEL	8 hours	25 ppm		
	WEL	Short-term	50 ppm		
	WEL	8 hours	123 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	15 minutes	246 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	

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United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
2-butoxyethanol (CAS: 111-76-2)	WEL	8 hours	25 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	15 minutes	50 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	

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

Protective goggles.

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	green
Odour	characteristic
Odour threshold	data not available
pH	8.8 (undiluted at 20 °C)
Melting point/freezing point	data not available
Initial boiling point and boiling range	100 °C
Flash point	data not available
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	miscible
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

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Kinematic viscosity		20 mm ² /s at 40°C	
Explosive properties		data not available	
Oxidising properties		data not available	
data not available			
9.2. Other information			
Density		1.17 g/cm ³ at 20 °C	
ignition temperature		data not available	
none			

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.

2-butoxyethanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	OECD 401	1746 mg/kg		Rat	
Inhalation (vapor)	LC ₅₀		11 mg/l	4 hour		
Dermal	LD ₅₀		1100 mg/kg			

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)	

N-dodecyl-β-alanine, compound with 2,2',2''-nitrilotriethanol (1:1)

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
	LD ₅₀		>2000 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	

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Sodium Cumenesulfonate

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	OECD 401	>5000 mg/kg		Rat	
Inhalation (dust/mist)	LC ₅₀		>6.41 mg/l	4 hour	Rat	
Dermal	LD ₅₀		>2000 mg/kg		Rabbit	

Tetrapotassium pyrophosphate

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀		2440 mg/kg		Rat	
Inhalation	LC ₅₀	OECD 403	>1.1 mg/l	4 hour	Rat	
Dermal	LD ₅₀		>2000 mg/kg		Rabbit	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

2-butoxyethanol

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
Dermal	Caustic			

N-dodecyl- β -alanine, compound with 2,2',2''-nitrilotriethanol (1:1)

Route of exposure	Result	Method	Time of exposure	Species
Dermal	Irritating			

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
Dermal	Irritating			

Sodium Cumenesulfonate

Route of exposure	Result	Method	Time of exposure	Species
Dermal	Not irritating	OECD 404		Rabbit

Tetrapotassium pyrophosphate

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

Serious eye damage/irritation

Causes serious eye irritation.

2-butoxyethanol

Route of exposure	Result	Method	Time of exposure	Species
Eye	Irritating	OECD 405		Rabbit

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

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

N-dodecyl- β -alanine, compound with 2,2',2''-nitrilotriethanol (1:1)

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

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

Sodium Cumenesulfonate

Route of exposure	Result	Method	Time of exposure	Species
Eye	Irritating	OECD 405		Rabbit

Tetrapotassium pyrophosphate

Route of exposure	Result	Method	Time of exposure	Species
	Irritating			Rabbit

Respiratory or skin sensitisation

May cause an allergic skin reaction.

2-butoxyethanol

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Not sensitizing	OECD 406		Guinea-pig (<i>Cavia aperea f. porcellus</i>)	

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

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

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 (<i>Cavia aperea f. porcellus</i>)	

Sodium Cumenesulfonate

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Not sensitizing	OECD 406		Guinea-pig (<i>Cavia aperea f. porcellus</i>)	

Tetrapotassium pyrophosphate

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Not sensitizing	OECD 429		Mouse (lymphoma)	

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Germ cell mutagenicity

Based on available data the classification criteria are not met.

2-butoxyethanol

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	in vitro				
Negative	OECD 474			Mouse	

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)	

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				

Sodium Cumenesulfonate

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

Tetrapotassium pyrophosphate

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-butoxyethanol

Route of exposure	Parameter	Method	Value	Time of exposure	Specific target organ	Result	Species	Sex
Inhalation (vapor)		OECD 451		106 week		Not carcinogenic	Mouse	

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)	

Sodium Cumenesulfonate

Route of exposure	Parameter	Method	Value	Time of exposure	Specific target organ	Result	Species	Sex
Dermal				2 year		Not carcinogenic	Mouse	

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Reproductive toxicity

Based on available data the classification criteria are not met.

2-butoxyethanol

	Parameter	Method	Value	Result	Species	Sex
Effects on fertility				Negative	Mouse	
Developmental toxicity		OECD 414		Negative	Rabbit	

Sodium Cumenesulfonate

	Parameter	Method	Value	Result	Species	Sex
Developmental toxicity				Negative	Rat	

Tetrapotassium pyrophosphate

	Parameter	Method	Value	Result	Species	Sex
Developmental toxicity				Negative	Rat	

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Repeated dose toxicity

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	

Sodium Cumenesulfonate

Route of exposure	Parameter	Result	Value	Time of exposure	Species	Sex
Oral	NOAEL		>763-<3534 mg/kg	90 day	Rat	

Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Harmful to aquatic life with long lasting effects.

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

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

Parameter	Method	Value	Time of exposure	Species	Environment
EC ₅₀		0.93-1.9 mg/l	48 hour	Daphnia (Daphnia magna)	Freshwater
ErC ₅₀		0.0695 mg/l	24 hour	Algae (Skeletonema costatum)	Salt water

N-dodecyl-β-alanine, compound with 2,2',2''-nitriлотriethanol (1:1)

Parameter	Method	Value	Time of exposure	Species	Environment
EC ₅₀		4.4 mg/l	48 hour	Daphnia (Daphnia magna)	

Sodium Cumenesulfonate

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀		>1000 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	Freshwater
EC ₅₀	OECD 202	>100 mg/l	48 hour	Daphnia (Daphnia magna)	Freshwater
EC ₅₀		≥230 mg/l	96 hour	Algae (Pseudokirchneriella subcapitata)	Freshwater
NOEC		31 mg/l	96 hour	Algae (Pseudokirchneriella subcapitata)	Freshwater
EC 10	OECD 209	≥1000 mg/l	3 hour	Microorganisms (Photobacterium phosphoreum)	

Tetrapotassium pyrophosphate

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀	OECD 203	>100 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
EC ₅₀		>100 mg/l	48 hour	Daphnia (Daphnia magna)	
EC ₅₀		>100 mg/l	72 hour	Algae (Desmodesmus subspicatus)	
NOEC		>100 mg/l	72 hour	Algae (Desmodesmus subspicatus)	

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

More information

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted or in large quantities to enter groundwater, catchment area or sewage system.

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12.2. Persistence and degradability

Biodegradability

2-butoxyethanol

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301B	90.4 %	28 day		

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

Parameter	Method	Value	Time of exposure	Environment	Result
					Hardly biodegradable

N-dodecyl- β -alanine, compound with 2,2',2''-nitrilotriethanol (1:1)

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301F	>60 %	10 day		Easily biodegradable

Sodium Cumenesulfonate

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301B	99.8 %	28 day		Easily biodegradable

Tetrapotassium pyrophosphate

Parameter	Method	Value	Time of exposure	Environment	Result
		50 %	>1 year		

Data not available.

12.3. Bioaccumulative potential

2-butoxyethanol

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	0.81				

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

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

Sodium Cumenesulfonate

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	-1.1				

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

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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

20 01 29 detergents containing dangerous substances

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

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H301+H311	Toxic if swallowed or in contact with skin.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.

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Wheel rim cleaning gel

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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 handed over to the person authorized to dispose of waste or by returning to the supplier.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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 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
EC₅₀ 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
IC₅₀ 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
LC₅₀ Lethal concentration of a substance in which it can be expected death of 50% of the population
LD₅₀ 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 K_{ow} 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
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

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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
Eye Irrit. Eye irritation
Skin Corr. Skin corrosion
Skin Irrit. Skin irritation
Skin Sens. Skin sensitization

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.