

Safety data sheet

according to Regulation (EC) No 1907/2006



SCHACHMATT

Compilation date: 08.12.2017
Revision date: 18.12.2017

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

1.1 Product identifier

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

Using of substance and mixture

Surface cleaners (liquid, powder, gel neat, spray neat) for consumer use.

1.3 Details of the supplier of the safety data sheet

Company name: Arcora International GmbH
Street: Marsstraße 9
Place: 85609 Aschheim by Munich
Germany
Tel: +49 (0)89 / 14 33 29 3-0
Fax: +49 (0)89 / 14 33 29 3-29
E-Mail: info@arcora.de

1.4 Emergency telephone number + 49 (0) 89 / 14 33 29 3-10

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP (EG) No. 1272/2008 [CLP]

Hazard categories:
Serious eye damage/eye irritation: Eye Irrit. 2
Hazard Statements:
Causes serious eye irritation.

2.2 Label elements

Signal word: Warning
Pictograms: GHS07



Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P102: Keep out of reach of children.
P280: Wear eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

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2.3 Other hazards

This substance is not identified as a PBT substance.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients

EG-No.	Chemical name	Quantity
CAS-No.		
Index-No.	Classification according to information (EG) Nr. 1272/2008 CLP]	
REACH-No.		
203-961-6	Butyldiglycol	5 - 15 %
112-34-5		
	Eye Irrit. 2; H319	
203-905-0	Butylglycol	5 - 15 %
111-76-2		
603-014-00-0	Acute Tox. 4; H302, Acute Tox. 4; H332, Acute Tox. 4; H312, Skin Irrit. 2; H315, Eye Irrit. 2; H319	
200-661-7	Isopropanol	5 - 15 %
67-63-0		
	Flam. Liq. 2; H225, Eye Irrit. 2; H319, STOT SE 3; H336	
211-020-6, 214-277-2	DBE-2 dimethyladipate, dimethylglutarate	5 - 15 %
627-93-0, 1119-40-0		
	Eye Irrit 2 H319	
204-589-7	Phenoxyethanol	5 - 15 %
122-99-6		
603-098-00-9	Acute Tox. 4 H302, Eye Irrit 2 H319	

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

Labelling for contents according to Regulation (EC) No. 648/2004

perfumes (Cital).

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

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After skin contact

Immediately remove any contaminated clothing, shoes or stockings. After contact with skin, wash immediately with plenty of water and soap. Do not wash with: Solvents/Thinner.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

Do NOT induce vomiting. Call a physician immediately. Take the data sheet with you.

4.2 Most important symptoms and effects, both acute and delayed

If applicable, delayed occurring symptoms and effect may be found in section 11 or at the uptake routes in section 4.1.

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

No relevant data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray
Alcohol-resistant foam
Carbon dioxide
Extinguishing powder

5.2 Special hazards arising from the substance or mixture

Exposure risk

Hazardous combustion products: Burning produces heavy smoke. Hazardous decomposition products: carbon black. Danger of serious damage to health by prolonged exposure. Use appropriate respiratory protection.

5.3 Advice for fire-fighters

Special protective equipment

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.

Additional information

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

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid eye and skin contact.
Please note danger of slipping.
Avoid breathing dust/fume/gas/mist/vapours/spray.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Disposal: see section 13 Clean with detergents. Avoid solvent cleaners.

6.4 Reference to other sections

Safe handling: see section 7. Personal protection equipment: see section 8.
Information on disposal: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Thorough skin-cleansing after handling the product. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs. Do not put any product-impregnated cleaning rags into your trouser pockets. Keep the packing dry and well sealed to prevent contamination and absorption of humidity. When diluting/dissolving, always have the water ready first, then slowly stir in the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store only in original container and keep locked up. Please note legal specifications for water

Suitable packaging: No special requirement

Advice on storage compatibility:

Store only in original container and keep locked up

Storage class TRGS 510: 12

Further information on storage conditions

Keep container in a well-ventilated place. Keep container closed. Protect against frost.

7.3 Specific end use(s):

Not available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limits (TRGS 900)

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/m ³	Limit	Remark
12-34-5	Butyldiglycol	10	67		1,5 (I)	EU, DFG, Y, 11
111-76-2	Butylglycol	10	49		4 (II)	H, Y, AGS
122-99-6	2-Phenoxyethanol	20	110		2 (I)	DFG, H, Y, 11
67-63-0	Isopropanol	200	500		2 (II)	DFG, Y
	DBE	1,2	8		2 (I)	AGS, Y

Biological limit values (TRGS 903)

CAS-No.	Chemical name	Parameter	Limit value	Distinctive - material	Samples-time
111-76-2	Butylglykol	Butoxyessigsäure	100 mg/l	U	c
		Butoxyessigsäure (nach Hydrolyse)	200 mg/l	U	c
67-63-0	Propan-2-ol	Aceton	25 mg/l	B	b
		Aceton	25 mg/l	U	b

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Protective and hygiene measures

See chapter 7. No additional measures necessary.

Eye/face protection

Suitable eye protection: Dust protection eye glasses/Face protection shield DIN EN 166.

Hand protection

Wear suitable gloves. Replace when worn. 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. See information supplied by the manufacturer.

Suitable material: EN 374

Breakthrough time (maximum wearing time): > 30 min.

Use protective skin cream before handling the product.

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Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values. Use suitable breathing apparatus.

Skin protection

Wear anti-static footwear and clothing (Natural fibres (e.g. cotton) / heat-resistant synthetic fibres)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: liquid
Farbe: clear
Odour: perfumes

pH-value (at 20 °C): 6

Test methods

Explosive properties

inexplosive

Vapour pressure: not determined
Relative density: 1,00 g/ml
Water solubility: soluble

9.2 Further information

Solid content: not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Exothermic reaction with: Oxidising agent, Strong acid, Strong alkali.

10.4 Conditions to avoid

See section 7. Protect against frost.

10.5 Incompatible materials

Do not use on solvent sensitive materials, not suitable for ABS plastics.

10.6 Hazardous decomposition products

Hazardous products of decomposition are not known.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicokinetics, metabolism and distribution

Further informations of adverse health effects in Section 2.1 (classification). The product was classified on the basis of the calculation procedure of CLP / GHS.

Acute toxicity

CAS-No.	Chemical name				
	Route of exposure	Method	Dose	Species	Source
	Butylglycol				
	oral	LD50	1746 mg/kg		
	dermal	LD50	1100 mg/kg		ATE
	inhalative vapour (4h)	LC50	11 mg/l		ATE
	Phenoxyethanol				
	oral	LD50	500 mg/kg		ATE
	ATE (mix)				
	oral	LD50	7773 mg/kg		ATE
	dermal	LD50	22000 mg/kg		ATE

Symptoms / absorption route

Corrosive/irritant to skin:

Relevant ingredients:

Butylglykol (5 %-15 %) additive,

Classification of the substance: Category 2

SCL: Category 2: 10 % (general limit)

Result: The mixture is not classified in category 2.

Caustic-/irritant effect with the eyes:

Serious Eyedamage/-irritation

Relevant ingredients:

Butylglykol (5 % - 15%) additive,

Classification of the substance: Category 2

SCL: Category 2: 10 % (general limit)

Butylglykol (5 % - 15%) additive,

Classification of the substance: Category 2

SCL: Category 2: 10 % (general limit)

Phenoxyethanol (5 % - 15 %) additive,

Classification of the substance: Category 2

SCL: Category 2: 10 % (general limit)

Isopropanol (5 % -15 %) additive,

Classification of the substance: Category 2

SCL: Category 2: 10 % (general limit)

Result: The mixture is classified in category 2.

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Sensitization of the respiratory tract /skin

Not classified.

Specific target organ-toxicity (single exposure)

Relevant ingredients:

Isopropanol (5 % -15 %)

Classification of the substance: Category 3

Category 2: 20 % (general limit)

The mixture is not classified in this risk category.

CMR-effect (carcinogenic, mutagenic and teratogenic effect)

Carcinogenicity: not classified

Mutagenicity: not classified

Teratogenicity: not classified

SECTION 12: Ecological information

12.1 Toxicity

Eco toxicity

CAS-No.	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
112-34-5	Butyldiglycol					
		LC50	> 100 mg/l		Leuciscus idus	
		EC50	> 100 mg/l		Daphnia magna (Big water flea)	
		EC50	> 100 mg/l		Scenedesmus subspicatus	

12.2 Persistence and degradability

Biodegradability

	Inoculum	Parameters	degree of degradation	Method	Remark
Mixture			> 90 %	OECD 301A (95 % 21d mod. OECD Screening-Test)	Easily biodegradable

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

Dissolved in water.

12.5 Results of PBT and vPvB assessment

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

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12.6 Other adverse effects

There are no data available on the mixture itself. Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Advice on disposal

Product must be disposed in accordance with official local regulations.

Waste disposal number of used product

070601 Aqueous washing liquids and mother liquors
200129 detergents containing dangerous substances.

The waste code numbers mentioned are recommendations based on the probable use of the product. Due to specific use and disposal circumstances at the user other waste codes may be suitable.

Contaminated packaging

Completely emptied packages can be recycled. Dispose according to legislation.

Note

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about land transport

lapse

Inland waterways transport (ADN)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about Inland waterways transport

lapse

Marine transport (IMDG)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

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14.3 The transport hazard class

14.4 Packing group

Other relevant information about marine transport

lapse

Air transport (ICAO)

14.1 UN-number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about air transport

lapse

14.5 Environmental hazards

no

14.6 Special precautions for user

endangering the environment: no

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

National regulations

Informations for IE-Directive 2010/75/EU < 20 %
(VOC):

Additional guidance

Einstufung und Kennzeichnung siehe Abschnitt 2. Chemikalienverordnung, ChemV beachten.
Chemikalien-Risikoreduktionsverordnung, ChemRRV beachten.
Luftreinhalte-Verordnung, LRV beachten.

National provisions

Accidents ordinance: Note ordinance on Protection against Major Accidents
(Major Accidents Ordinance).

Water hazard class: 1 – water contaminating

15.2 Chemical Safety Assessment

A chemical safety assessment of ingredients of this materials was not performed.

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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%

Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:

PROC 1: Use in closed processes.

PROC 8 (Transfer): Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.

PROC 10 (Roller application or brushing): Processing without large-scale spraying.

PROC 11 (Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).

PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection.

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
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.