according to Regulation (EC) No 1907/2006



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

1.1. Product identifier

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UFI: M2T0-Y0CH-400S-YE87

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

Use of the substance/mixture

EuPCS: PC-CLN-2 All-purpose (or multi-purpose) non-abrasive cleaners

Process categories [PROC]: 8, 10

1.3. Details of the supplier of the safety data sheet

Company name: BUZIL-WERK Wagner GmbH & Co. KG

Street: Fraunhofer Str. 17
Place: D-87700 Memmingen

Telephone: +49 (0) 8331 930-6 Telefax: +49 (0) 8331 930-880

e-mail: info@buzil.de
Contact person: info@buzil.de
Internet: www.buzil.com

1.4. Emergency telephone +49 (0) 8331 930-6 (08:00 - 16:00 h)

number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

The product does not support combustion. It therefore needs not to be classified as flammable despite a flash point below 60 °C.

2.2. Label elements

Regulation (EC) No 1272/2008

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

2.3. Other hazards

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

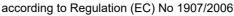
SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification (Regulation (EC) No 1272/2008)				
64-17-5	Ethanol				
	200-578-6	603-002-00-5	01-2119457610-43		
	Flam. Liq. 2, Eye Irrit. 2; H225 H319				
110615-47-9	Alkyl polyglucoside				
			01-2119489418-23		
	Skin Irrit. 2, Eye Dam. 1; H315 H318				

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





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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity		
	Specific Conc. Limits, M-factors and ATE				
64-17-5	200-578-6	Ethanol	5 - < 10 %		
	inhalation: LC50 = >20 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg Eye Irrit. 2; H319: >= 50 - 100				
110615-47-9		Alkyl polyglucoside	1 - < 5 %		
		0 = >5 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 t. 2; H315: >= 30 - 100			

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

< 5 % non-ionic surfactants, perfumes.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.

After inhalation

Provide fresh air.

After contact with skin

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.

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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet

alcohol resistant foam

Carbon dioxide

Extinguishing powder

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

Carbon dioxide

Carbon monoxide

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

according to Regulation (EC) No 1907/2006



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6.1. Personal precautions, protective equipment and emergency procedures

General advice

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

For non-emergency personnel

Ventilate affected area.

For emergency responders

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Treat the recovered material as prescribed in the section on waste disposal.

Other information

Collect in closed and suitable containers for disposal.

Ventilate affected area.

6.4. Reference to other sections

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

Avoid contact with skin, eyes and clothes.

Do not mix with other chemicals.

Use personal protection equipment.

When using do not eat, drink or smoke.

Use only in well-ventilated areas.

Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Take off contaminated clothing.

Wash hands before breaks and after work.

When using do not eat, drink or smoke.

Further information on handling

No further relevant information available.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

No further relevant information available.

7.3. Specific end use(s)

Cleaning agent

according to Regulation (EC) No 1907/2006



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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

No information available.

8.2. Exposure controls



Appropriate engineering controls

No information available.

Individual protection measures, such as personal protective equipment

Eye/face protection

Eye protection: not required.

Hand protection

Use of protective gloves:

A survey of suitable brands with detailed information on breakthrough times is available upon request.

Protective gloves may be waived, if equivalent measures allowing for an increased skin stress because of wet work are implemented (e. g. application of suitable skin protecting creams).

Skin protection

Wear suitable work clothing.

Respiratory protection

Use only in well-ventilated areas.

In case of inadequate ventilation wear respiratory protection. (EN 14387, A1)

Thermal hazards

No further relevant information available.

Environmental exposure controls

Section 6: Accidental Release Measures

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid Colour: light blue

Odour: Perfumes, fragrances

Test method

Melting point/freezing point: approx. 0 °C Boiling point or initial boiling point and > 85 °C

boiling range:

Flammability: not applicable Lower explosion limits: not determined Upper explosion limits: not determined 45 °C Flash point: Auto-ignition temperature: not determined Decomposition temperature: not applicable pH-Value (at 20 °C): 6.5 - 7.0not determined Viscosity / kinematic:

(at 40 °C)

according to Regulation (EC) No 1907/2006



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Water solubility: completely miscible

(at 20 °C)

Solubility in other solvents

not determined

Partition coefficient n-octanol/water:

Vapour pressure:

Density (at 20 °C):

Relative density:

Relative vapour density:

not determined

Relative vapour density:

not determined

Particle characteristics:

not relevant

9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion: Not sustaining combustion

Other safety characteristics

Viscosity / dynamic: < 10 mPa·s 50 1/s

(at 25 °C)

Further Information

No information available.

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

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

The product is stable under storage at normal ambient temperatures.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

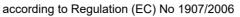
No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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	>2000	Rat	ATE			
	dermal	LD50 mg/kg	>2000	Rat	ATE			
	inhalation (4 h) vapour	LC50	>20 mg/l	Rat	ATE			
110615-47-9	Alkyl polyglucoside							
	oral	LD50 mg/kg	>2000	Rat	ATE			
	dermal	LD50 mg/kg	>2000	Rat	ATE			
	inhalation dust/mist	LC50	>5 mg/l	Rat	ATE			

Irritation and corrosivity

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

Sensitising effects

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

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.

11.2. Information on other hazards

Other information

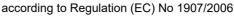
No information available.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method	
64-17-5	Ethanol							
	Acute fish toxicity	LC50 mg/l	>1000	96 h				
	Acute algae toxicity	ErC50 mg/l	>100					
	Acute crustacea toxicity	EC50 mg/l	>1000	48 h	Daphnia magna	IUCLID		
110615-47-9	Alkyl polyglucoside							
	Acute fish toxicity	LC50 mg/l	>1-10	96 h				
	Fish toxicity	NOEC	>1 mg/l	28 d	Danio rerio (zebrafish)			
	Crustacea toxicity	NOEC	>1 mg/l		Daphnia magna (Big water flea)			

12.2. Persistence and degradability





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The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (FC) No 648/2004 on detergents

(20)1	10.040/2004 on detergents.						
CAS No	Chemical name						
	Method	Value	d	Source			
	Evaluation						
64-17-5	Ethanol						
	OECD 301	>60%	28				
	Readily biodegradable (according to OECD criteria).						
110615-47-9	Alkyl polyglucoside						
	OECD 301	>60%	28				
	Readily biodegradable (according to OECD criteria).						
1							

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	Ethanol	-0,31

12.4. Mobility in soil

The product has not been tested.

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.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease,

soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately

collected municipal packaging waste); plastic packaging

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.1. UN number or ID number: No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

according to Regulation (EC) No 1907/2006



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14.1. UN number or ID number: No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No special measures are necessary.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 40

2010/75/EU (VOC): 7,6 %

Additional information

Regulation (EC) No. 648/2004 [Detergents regulation]

National regulatory information

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.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,7,9,15.

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 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC 4: Chemical production where opportunity for exposure arises

PROC 7: Industrial spraying

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

PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

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

according to Regulation (EC) No 1907/2006



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

PROC 13: Treatment of articles by dipping and pouring

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.

H315 Causes skin irritation.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

EUH210 Safety data sheet available on request.

Further Information

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]: 9 (1)

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.

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