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

Corridor®+ Multi Stripper

UFI:

MKT0-00GV-Y00R-YFRM

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

#### Use of the substance/mixture

EuPCS: PC-CLN-13.3 Floor strippers Process categories [PROC]: 8, 10 Restricted to professional users.

#### 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

### Regulation (EC) No 1272/2008

Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

The product does not support combustion. It therefore needs not to be classified as flammable despite a flash point below 60  $^{\circ}$ C.

#### 2.2. Label elements

#### Regulation (EC) No 1272/2008

Signal word:

**Pictograms:** 



Warning

### **Hazard statements**

H319

Causes serious eye irritation.

#### **Precautionary statements**

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

present and easy to do. Continue rinsing.

F33/TF313

If eye irritation persists: Get medical advice/attention.

# 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

according to Regulation (EC) No 1907/2006



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### Hazardous components

CAS No	Chemical name					
	EC No	Index No	REACH No			
	Classification (Regulation (	EC) No 1272/2008)				
112-34-5	2-(2-Butoxyethoxy)ethanol,	Diethylene glycol monobutyl ethe	r	5 - < 10 %		
	203-961-6	603-096-00-8	01-2119475104-44			
	Eye Irrit. 2; H319					
64-17-5	Ethanol	1 - < 5 %				
	200-578-6	603-002-00-5	01-2119457610-43			
	Flam. Liq. 2, Eye Irrit. 2; H2	25 H319				
770-35-4	Phenoxypropanol		1 - < 5 %			
	212-222-7		01-2119486566-23			
	Eye Irrit. 2; H319					
26183-52-8	Alkyl polyethoxilate			1 - < 5 %		
	Acute Tox. 4, Eye Dam. 1; I	H302 H318				
34590-94-8	1-(Methoxymethylethoxy)-p	ropanol(2)		1 - < 5 %		
	252-104-2		01-2119450011-60			
		•	·			

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

### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc.	Limits, M-factors and ATE	
112-34-5	203-961-6	2-(2-Butoxyethoxy)ethanol, Diethylene glycol monobutyl ether	5 - < 10 %
	inhalation: LC	50 = >20 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
64-17-5	200-578-6	Ethanol	1 - < 5 %
		50 = >20 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg 19: >= 50 - 100	
770-35-4	212-222-7	Phenoxypropanol	1 - < 5 %
	inhalation: LC	50 = >20 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = 2830 mg/kg	
26183-52-8		Alkyl polyethoxilate	1 - < 5 %
		50 = > 5 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 500 am. 1; H318: >= 20 - 100	
34590-94-8	252-104-2	1-(Methoxymethylethoxy)-propanol(2)	1 - < 5 %
	inhalation: LC	50 = >20 mg/l (vapours); dermal: LD50 = 9510 mg/kg; oral: LD50 = >5000 mg/kg	

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

< 5 % non-ionic surfactants, < 5 % soap.

# 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

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

according to Regulation (EC) No 1907/2006



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#### 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**

#### 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.

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# 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. Do not breathe gas/fumes/vapour/spray. Use only in well-ventilated areas.

#### 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

# **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

#### **Occupational exposure limit values**

CAS No	Name of agent	ppm	mg/m³	fib/cm³	Category	Origin
34590-94-8	(2-Methoxymethylethoxy)propanol	50	308		TWA (8 h)	
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	
		15	101.2		STEL (15 min)	

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# **DNEL/DMEL** values

CAS No	Name of agent					
DNEL type		Exposure route	Effect	Value		
34590-94-8 1-(Methoxymethylethoxy)-propanol(2)						
Worker DNEL,	long-term	dermal	systemic	15 mg/kg bw/day		
Worker DNEL,	long-term	inhalation	systemic	37,2 mg/m³		
Consumer DN	EL, long-term	dermal	systemic	65 mg/kg bw/day		
Consumer DNEL, long-term		inhalation	systemic	310 mg/m³		

**PNEC** values

CAS No	Name of agent			
Environmental compartment Value				
34590-94-8 1-(Methoxymethylethoxy)-propanol(2)				
Freshwater 19 mg/l				
Marine water 1,9 mg/l				
Freshwater sediment 70,2 mg/kg				
Marine sediment 7,02 mg/kg				
Soil	Soil 2,74			

# 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

Wear eye/face protection. (EN 166)

#### Hand protection

Wear suitable gloves. (EN 374, Breakthrough time: >10 min.)

Suitable material: NBR (Nitrile rubber).

```
Thickness of the glove material >= 0,1 mm
```

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

Diluted ready-to-use solutions <=1%:

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)

# Thermal hazards

No further relevant information available.

according to Regulation (EC) No 1907/2006

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Test method

#### **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:	colourless - light yellow
Odour:	characteristic

			restmen
	Melting point/freezing point:	approx. 0 °C	
	Boiling point or initial boiling point and	approx. 100 °C	
	boiling range:		
	Flammability:	not applicable	
	Lower explosion limits:	not determined	
	Upper explosion limits:	not determined	
	Flash point:	59 °C	
	Auto-ignition temperature:	not determined	
	Decomposition temperature:	not applicable	
	pH-Value (at 20 °C):	8,8 - 9,5	
	Viscosity / kinematic:	not determined	
	(at 40 °C)		
	Water solubility:	completely miscible	
	(at 20 °C)		
	Solubility in other solvents		
	not determined		
	Partition coefficient n-octanol/water:	not applicable	
	Vapour pressure:	not determined	
	Density (at 20 °C):	0,99 g/cm³	
	Relative density:	not determined	
	Relative vapour density:	not determined	
	Particle characteristics:	not relevant	
<u>9.</u>	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.

according to Regulation (EC) No 1907/2006

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planta

# 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.

CAS No	Chemical name								
	Exposure route	Dose		Species	Source	Method			
112-34-5	2-(2-Butoxyethoxy)ethanol, Diethylene glycol monobutyl ether								
	oral	LD50 mg/kg	>2000	Rat	ATE				
	dermal	LD50 mg/kg	>2000	Rat	ATE				
	inhalation vapour	LC50	>20 mg/l	Rat	ATE				
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				
770-35-4	Phenoxypropanol								
	oral	LD50 mg/kg	2830	Rat					
	dermal	LD50 mg/kg	>2000	Rabbit					
	inhalation vapour	LC50	>20 mg/l	Rat	ATE				
26183-52-8	Alkyl polyethoxilate			_					
	oral	LD50 mg/kg	500	Rat	ATE				
	dermal	LD50 mg/kg	> 2000	Rat	ATE				
	inhalation dust/mist	LC50	> 5 mg/l	Rat	ATE				
34590-94-8	1-(Methoxymethylethoxy	)-propanol(2	2)						
	oral	LD50 mg/kg	>5000	Rat					
	dermal	LD50 mg/kg	9510	Rabbit					
	inhalation vapour	LC50	>20 mg/l	Rat	ATE				

# Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: 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.

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### 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	cal name							
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method		
112-34-5	2-(2-Butoxyethoxy)ethanol, Diethylene glycol monobutyl ether								
	Acute fish toxicity	LC50 mg/l	2780	96 h	Pimephales promelas (fathead minnow)				
	Acute algae toxicity	ErC50 mg/l	> 100		Scenedesmus subspicatus				
	Acute crustacea toxicity	EC50 mg/l	4950	48 h	Daphnia magna (Big water flea)				
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			
770-35-4	Phenoxypropanol								
	Acute fish toxicity	LC50	280 mg/l	96 h	Pimephales promelas (fathead minnow)				
	Acute algae toxicity	ErC50 mg/l	>100	72 h	Desmodesmus subspicatus				
	Acute crustacea toxicity	EC50	370 mg/l		Daphnia magna (Big water flea)				
26183-52-8	Alkyl polyethoxilate			-	-	_			
	Acute algae toxicity	ErC50 mg/l	19,6	72 h		OECD 201			
	Acute crustacea toxicity	EC50 mg/l	15,0	48 h	Daphnia magna (Big water flea)	OECD 202			
34590-94-8	1-(Methoxymethylethoxy)	-propanol(2)							
	Acute fish toxicity	LC50 mg/l	>1000	96 h	Poecilia reticulata (Guppy)				
	Acute algae toxicity	ErC50 mg/l	>969	96 h	Pseudokirchneriella subcapitata				
	Acute crustacea toxicity	EC50 mg/l	1919	48 h	Daphnia magna (Big water flea)				
	Crustacea toxicity	NOEC mg/l	>0,5		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 (EC) No.648/2004 on detergents.

CAS No	Chemical name					
	Method	Value	d	Source		
	Evaluation					
112-34-5	2-(2-Butoxyethoxy)ethanol, Diethylene glycol monobutyl ether					
	OECD 301	>60%	28			
	Readily biodegradable (according to OECD criteria).					
64-17-5	Ethanol					
	OECD 301	>60%	28			
	Readily biodegradable (according to OECD criteria).					
770-35-4	Phenoxypropanol					
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	72%	28			
	Readily biodegradable (according to OECD criteria).					
26183-52-8	Alkyl polyethoxilate					
	OECD 301 B	> 60 %	28			
	Readily biodegradable (according to OECD criteria).					
34590-94-8	1-(Methoxymethylethoxy)-propanol(2)					
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	75%	28			
	Readily biodegradable (according to OECD criteria).					

# 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

# Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow			
112-34-5	2-(2-Butoxyethoxy)ethanol, Diethylene glycol monobutyl ether				
64-17-5	Ethanol	-0,31			
770-35-4	Phenoxypropanol	<3			
34590-94-8	1-(Methoxymethylethoxy)-propanol(2)	1,01			

### 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

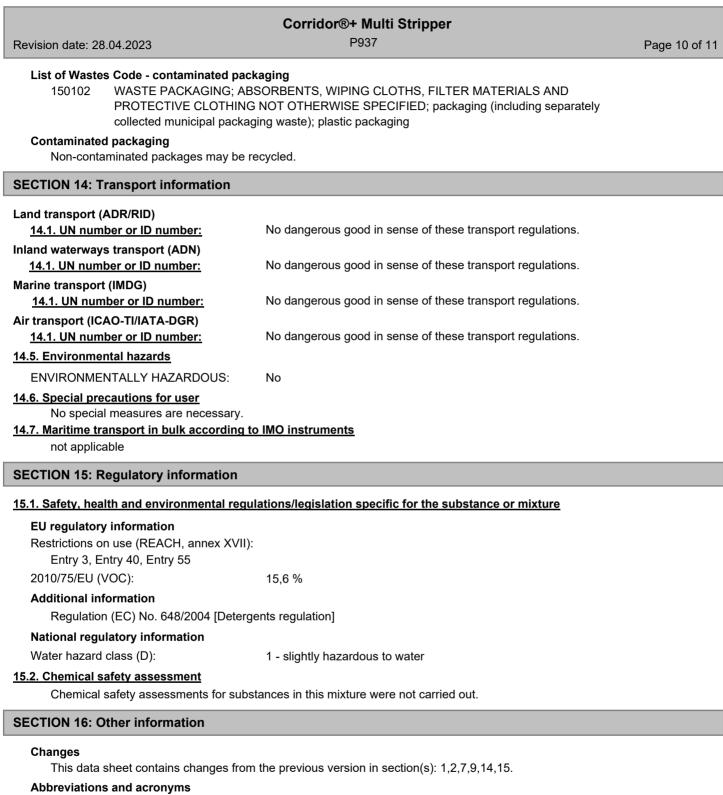
#### **Disposal recommendations**

Dispose of waste according to applicable legislation. Delivery to an approved waste disposal company.

#### List of Wastes Code - residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

according to Regulation (EC) No 1907/2006



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



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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.

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.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
11040	

H319 Causes serious eye irritation.

#### **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.)