

Safety data sheet

according to Regulation (EC) No 1907/2006



ZYM-EX

Compilation date: 15.11.2017
Revision date: 11.12.2017

Page 1 of 7

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

1.1 Product identifier

ZYM-EX

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

Use of the substance/mixture

Carpet shampoo and upholstery cleaner for professional users

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

This product has no classification under CLP.

2.2 Label elements

This product has no label elements.

2.3 Other hazards

This substance is not identified as a PBT substance.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients

EINECS	Chemical name	Quantity
CAS-No.		
Index-No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH-No.		
237-574-9	Potassium tripolyphosphate	1 - 10 %
13845-36-8		
	Met. Corr. 1: H290; Skin Irrit. 2: H315; Eye Dam. 1: H318; Eye Irrit. 2: H319	

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

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

5-15 % Phosphate. Contains a preserving agent, BENZISOTHIAZOLINONE.

Safety data sheet

according to Regulation (EC) No 1907/2006



ZYM-EX

Compilation date: 15.11.2017
Revision date: 11.12.2017

Page 2 of 7

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation

Move affected person into fresh air. In case of respiratory tract irritation, consult a physician.

After skin contact

Wash immediately with plenty of soap and water.

After eye contact

Bathe the eye with running water for 15 minutes.

After ingestion

Wash out mouth with water. Do not induce vomiting. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact

There may be mild irritation at the site of contact.

Eye contact

There may be irritation and redness.

Ingestion

There may be irritation of the throat.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used.

5.2 Special hazards arising from the substance or mixture

5.3 Advice for fire-fighters

Special protective equipment Not necessary. Prevent the extinguishing water into surface water or groundwater.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details.

6.2 Environmental precautions

Do not discharge into drains or rivers.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Refer to section 13 of SDS for suitable method of disposal.

Safety data sheet

according to Regulation (EC) No 1907/2006



ZYM-EX

Compilation date: 15.11.2017
Revision date: 11.12.2017

Page 3 of 7

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep away from food, drink and animal feedingstuffs.

Storage class: 12 (Non-combustible liquids) frost protection.

Suitable packaging

Must only be kept in original packaging.

7.3 Specific end use(s)

GISCODE: GT 0

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients: potassium tripolyphosphate

Exposure limits

Respirable dust

	8 h AGW	Peaks	8 h AGW	Peaks
DE	6 mg/m ³	-	-	-

8.2 Exposure controls

Respiratory protection

Not required.

Hand protection

Not necessary.

Eye protection

Not required.

SECTION 9: Physical and chemical properties

9.1 Information on physical basics and chemical properties

Physical state: liquid
Colour: colourless
Odour: Barely perceptible odour

Test method

pH-value (at 20 °C): 9

Oxidizing properties

Not oxidising.

Relative density: 1,07 g/ml
Water solubility: miscible

Safety data sheet

according to Regulation (EC) No 1907/2006

ZYM-EX



Compilation date: 15.11.2017
Revision date: 11.12.2017

Page 4 of 7

Viscosity: non viscous

9.2. Other information

Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

No hazardous decomposition products if stored and handled as prescribed.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS-No.	Chemical name				
	Route of exposure	Method	Dose	Species	Source
203-905-0	potassium tripolyphosphate				
	oral	LD50	> 2000 mg/kg	Rat	

Symptoms / routes of exposure

Skin contact

There may be mild irritation at the site of contact.

Eye contact

There may be irritation and redness.

Ingestion

There may be irritation of the throat.

Safety data sheet

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ZYM-EX

Compilation date: 15.11.2017
Revision date: 11.12.2017

Page 6 of 7



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

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

No data available.

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 regulatory information

Water contaminating class (D):

1 - water contaminating

Safety data sheet

according to Regulation (EC) No 1907/2006



ZYM-EX

Compilation date: 15.11.2017
Revision date: 11.12.2017

Page 7 of 7

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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 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)

H290	May be corrosive to metals.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

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.