



Safety data sheet (1907/2006/EG)

BÜFA Reaktionsharze

OLDOPAL-CO-BESCHLEUNIGER 6 %IG

Version: 003 (EN/EN-401)

Revision date: 22.11.07

1. Identification of the substance/preparation and of the company/undertaking

Product details

Trade name: OLDOPAL-CO-BESCHLEUNIGER 6 %IG

Article number: 742 - 0600

Application of the substance / the preparation  
Accelerator

Manufacturer/Supplier:

BÜFA Reaktionsharze GmbH & Co. KG

Hohe Looge 2-8

D-26180 Rastede

Tel.: +49 (0)44 02 9 75-0

Fax: +49 (0)44 02 9 75-4 00

Further information obtainable from:

Product safety

Tel.: +49 (0)44 02 9 75-4 15

E-Mail: [sebastian.klockgether@buefa.de](mailto:sebastian.klockgether@buefa.de)

Information in case of emergency:

Toxic hotline Göttingen

Emergency No.: +49 (0)5 51 1 92 40

2. Hazards identification

Hazard description:

Harmful

dangerous for the environment

Information concerning particular hazards for human and environment:

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

May cause sensitization by skin contact.

Harmful by inhalation, in contact with skin and if swallowed.

Irritating to skin.

Flammable.

3. Composition/information on ingredients

Dangerous components:

Description

EINECS-NO.	CAS NO.	%	Index	R-phrases
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ethylbenzene				
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202-849-4	100-41-4	2,51 - 10,00	Xn	20
		-	F	11

xylene, mixture of isomers				
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215-535-7	1330-20-7	50,01 - 100,00	Xn	10 20 21 38
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### 3. Composition/information on ingredientsen

- continuation -

fatty acids, C6-19 branched, cobalt(2+)-salts

270-066-5	68409-81-4	25,01	-	50,00	Xn	22	38	43
			-		N	51	53	

For the wording of the listed risk phrases refer to section 16.

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### 4. First-aid measures

After inhalation:

Supply fresh air. If required, provide artificial respiration.

Keep patient warm. Consult doctor if symptoms persist.

After skin contact:

Immediately remove any clothing soiled by the product.

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

After swallowing:

Do not induce vomiting; call for medical help immediately.

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### 5. Fire-fighting measures

Suitable extinguishing agents:

Alcohol resistant foam, Carbon dioxide, Fire-extinguishing powder, Water spray.

Special hazards caused by the substance, its products of combustion or resulting gases:

In case of fire, the following can be released:

Carbon monoxide (CO), Nitrogen oxides (NOx)

Protective equipment:

Wear self-contained respiratory protective device.

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### 6. Accidental release measures

Person-related safety precautions:

Keep away from ignition sources. Ensure adequate ventilation.

Do not inhale gases/fumes/aerosols. Wear protective clothing.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water or sewage system.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

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### 7. Handling and storage

Handling:

Information for safe handling:

Ensure good ventilation/exhaustion at the workplace. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

Observe the general safety regulations when handling chemicals.

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7. Handling and storage

- continuation -

Wear protective clothing.

Information about fire - and explosion protection:

Fumes can combine with air to form an explosive mixture.

Storage:

Requirements to be met by storerooms and receptacles:

Store in cool, dry conditions in well sealed receptacles. Store receptacle in a well ventilated area. Protect from heat and direct sunlight.

For storage, observe the relevant regulations and technical rules.

8. Exposure controls/personal protection

Additional information:

Ensure good ventilation/exhaustion at the workplace.

Ingredients with limit values that require monitoring at the workplace:

Designation of material

CAS-No.	Type	Value	Unit		
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ethylbenzene

100-41-4	MAK	100,000	ppm		
100-41-4	BAT-Informat	1,000	mg/l	B	b
		800,000	mg/g	U	b
100-41-4	AGW-Angaben	100,000	ppm		
100-41-4	EG-Kurzzeitw	200,000	ppm		
100-41-4	EG-Angaben	100,000	ppm		

xylenes, mixture of isomers

1330-20-7	MAK	100,000	ppm		
1330-20-7	BAT-Informat	1,500	mg/l	B	b
		2,000	g/l	U	b
1330-20-7	EG-Kurzzeitw	100,000	ppm		
1330-20-7	EG-Angaben	50,000	ppm		

The lists valid during the making were used as basis.

Personal protective equipment:

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Short term filter device: Filter A

Protection of hands:

Only use chemical-protective gloves with CE-labelling of category III.

Material of gloves: Butyl rubber, BR

Value for the permeation: Level  $\geq 2$  (30 min)

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles

Body protection:

Protective work clothing.

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## 9. Physical and chemical properties

Form:	liquid , fluid		
Colour:	violet		
Odour:	like-xylene		
	Value	Unit	Method
Flash point:	25,00	°C	
Viscosity:	20 °C 5,00	sec	ISO 2431
Density:	20 °C 0,960	g/ml	
Lower Explosion limits:	1,00	Vol.%	
Upper Explosion limits:	7,80	Vol.%	
Solubility in water:	not miscible with water		

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## 10. Stability and reactivity

Thermal decomposition / conditions to be avoided:  
Exposure to direct sunlight and heat development can lead to polymerization.

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## 11. Toxicological information

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: s. Kap. 2+15

Details of components:

Styrene

Acute toxicity:

LD50 (oral, rat): 2650-5000 mg/kg

LC50 (inhalative, rat): 12 mg/l/4h

Inhaling styrene at above 50ppm can damage the health in the form of irritation of the mucous membranes and respiratory organs as well as leading to disturbances of the central nervous system such as dizziness, headache and lack of concentration.

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## 12. Ecological information

At present there are no ecotoxicological assessments. Do not allow product to reach ground water, water or sewage system.

Water Hazard Class (Self-classification) in the concentrate:2

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## 13. Disposal considerations

Product:

Recommendation:

Must be specially treated adhering to official regulations.

Waste disposal key: 070208 (other still bottoms and reaction residues)

European waste catalogue

Uncleaned packaging:

Recommendation:

Packagings that may not be cleansed are to be disposed of in the

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13. Disposal considerations  
- continuation -  
same manner as the product.

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14. Transport information:

Land transport ADR/RID  
Class: 3 UN-No.: 1993  
Packaging group: III Label: 3  
Description of goods:  
FLAMMABLE LIQUID, N.O.S.  
xylenes, mixture of isomers  
51 53 51 53  
51 53 51 53

Maritime transport IMDG:  
Class: 3 UN-No.: 1993  
Packaging group: III Label: 3  
EMS Number: F-E, S-E  
Marine pollutant: no  
Proper shipping name:  
FLAMMABLE LIQUID, N.O.S.  
XYLENES  
51 53 51 53  
51 53 51 53

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15. Regulatory information

Labelling according to EU guidelines:  
Code letter and hazard designation of product:  
Xn Harmful  
N dangerous for the environment

Hazard-determining components of labelling:  
xylenes, mixture of isomers  
fatty acids, C6-19 branched, cobalt(2+)-salts

Risk phrases:

51 53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
43 May cause sensitization by skin contact.  
20 21 22 Harmful by inhalation, in contact with skin and if swallowed.  
38 Irritating to skin.  
10 Flammable.

Safety phrases:

36 37 Wear suitable protective clothing and gloves.  
51 Use only in well ventilated areas.  
57 Use appropriate container to avoid environmental contamination.  
60 This material and its container must be disposed of as hazardous waste.

General notes:

16. Other information:

Relevant R-phrases:

- 20 Harmful by inhalation.
- 11 Highly flammable.
- 10 Flammable.
- 21 Harmful in contact with skin.
- 38 Irritating to skin.
- 22 Harmful if swallowed.
- 43 May cause sensitization by skin contact.
- 51 Toxic to aquatic organisms.
- 53 May cause long-term adverse effects in aquatic environment.

|: Data compared to the previous version altered.  
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.