

# **Safety Data Sheet 93/112/EEC**

## **Chemical Anchor capsules VDP**

CHEMFIX



### **CHEMFIX PRODUCTS LTD**

Revised: 17.04.00 Date printed: 17.04.00

#### 01. Identification of the substance / preparation and of the company

Company: Chemfix Products Limited  
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#### 02. Composition / Information on ingredients

<u>Substance:</u>	<u>EINECS</u>	<u>CAS</u>	<u>Range [%]</u>	<u>Symbol / R-phr.</u>
dibenzoyl peroxide	202-327-6	94-36-0	1,0 - <2,0	Xi 36-43
styrene	202-851-5	100-42-5	7,0 - <10,0	Xn 10-20-36/38

#### 03. Hazards identification

R43: May cause sensitization by skin contact.

#### 04. First aid measures

General information

Change soaked clothing.

Inhalation

Ensure supply of fresh air. In the event of symptoms refer for medical treatment.

Skin contact

In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.

Eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

Ingestion

Not applicable.

Advice to doctor

Treat symptomatically.

#### 05. Fire-fighting measures

Suitable extinguishing media

Water spray jet. Foam. Dry powder.

Extinguishing media that must not be used

Full water jet.

Special expo sure hazards arising from the substance or preparation itself or combustion products

Risk of formation of toxic pyrolysis products . Carbon monoxide (CO). Nitrogen oxides (NOx).

Special protective equipment for firefighters

Use independent breathing apparatus.

Additional information

Cool containers at risk with water spray jet.

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#### 06. Accidental release measures

##### Personal precautions

Keep away sources of ignition.

##### Environmental precautions

Not applicable.

##### Methods for cleaning up/taking up

Take up residues with absorbent material (e.g. sand). Take up mechanically. Dispose of absorbed material in accordance with the regulations.

#### 07. Handling and storage

##### Advice on safe handling

No special measures necessary if used correctly. Handle with care - avoid shock, friction and impact.

##### Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

##### Requirements for storage rooms and vessels

No special measures required.

##### Advice on storage compatibility

Not applicable.

##### Further information on storage conditions

Keep in a cool place. Protect from heat/overheating. Protect from sun.

#### 08. Exposure controls / personal protection

##### Additional advice on system design

Ingredients with occupational exposure limits to be monitored

<b>Substance:</b>	<b>EINECS</b>	<b>CAS</b>	<b>Range [%]</b>	<b>Value:</b>
dibenzoyl peroxide	202-327-6	94-36-0	1,0 - <2,0	MAK: 5mg/m <sup>3</sup> 1997
Siliziumdioxid, Quarz	238-878-4	14808-60-7	40,0 - <50,0	MAK: 0,15mg/m <sup>3</sup> A,1996
styrene	202-851-5	100-42-5	7,0 - <10,0	MAK: 20 ppm (Y) 1999

##### Respiratory protection

Not applicable.

##### Hand protection

Protective gloves.

##### Eye protection

Protective goggles.

##### Skin protection

Not applicable.

##### General protective measures

Avoid contact with eyes and skin.

##### Hygiene measures

At work do not eat, drink, smoke or take drugs. Wash hands before breaks and after work. Use barrier skin cream.

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#### **09. Physical and chemical properties**

Form:	Solid.	Lower explosion limit:	-
Colour:	Not applicable.	Upper explosion limit:	-
Odour:	Not applicable.	Combustible properties:	-
pH-value:	Not applicable.	Vapour pressure, 20°C:	-
Melting point [°C]:		Density [g/cm <sup>3</sup> ]:	
Boiling point [°C]:		Solubility in water:	Insoluble.
Flash point [°C]:	Not applicable.	Partition coefficient: n-octanol / water:	-
Flammability:		Viscosity:	Not applicable.
Autoignition temperature:	-		

#### **10. Stability and reactivity**

##### Hazardous reactions

Polymerisation with evolution of heat. Decomposition with water, acids and alkalis.

##### Hazardous decomposition products

No hazardous decomposition products known.

#### **11. Toxicological information**

Acute oral toxicity	LD50 Rat : -
Acute dermal toxicity	LD50 Rabbit : -
Acute inhalational toxicity	LC50 Rat : -
Irritant effect on eye	
Experiences made in practice	
None.	

##### General remarks

No toxicological data are available. The product was classified on the basis of the calculation procedure of the preparation directive (88/379/EEC).

#### **12. Ecological information**

Degradability according to law of wash and cleaning agent (WRMG)  
Not applicable.

##### Fish toxicity

##### Behaviour in sewage plant

Not applicable.

##### AOX-advice

No dangerous components.

Contains compounds of 76/464/EC

##### General information

Ecological data are not available.

#### **13. Disposal considerations**

##### Disposal / Product

Dispose of as hazardous waste.

Waste no. 070799

##### Disposal / Contaminated packaging

Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.

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**14. Transport information**

**Classification according to ADR:** no dangerous goods

**Hazard-no:**

**Dangerous Goods Declaration:** no dangerous goods

**Inscriptions:** --

**Factor (ADR 10 011):** --

**Label:**

---

**Classification according to IMDG:** no dangerous good

**Dangerous Goods Declaration:** no dangerous good

**Inscriptions:** --

**Label:**

---

**Classification according to IATA:** no dangerous good

**Dangerous Goods Declaration:** no dangerous good

**Inscriptions:** --

**Label:**

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#### **15.01 Regulatory information**

##### Labelling

The product is classified and labelled in accordance with EC directives

##### Hazard symbols



Irritant

##### **contains:**

dibenzoyl peroxide

##### R phrases

R43: May cause sensitization by skin contact.

##### S phrases

S3/7: Keep container tightly closed in a cool place. S36/37: Wear suitable protective clothing and gloves. S60: This material and its container must be disposed of as hazardous waste.

##### Special labelling for certain preparations

#### **15.02 National regulations (german only)**

Restriction of occupation	Observe employment restrictions for people.
Decree for case of interference, observe limit	No
Classification according to VbF	Is not subject to the regulations on flammable substances.
Classification according to TA-Luft	---
Water hazard class	2

##### Other regulations, restrictions and prohibition regulations

VDP10  
VDP12  
VDP14  
VDP16  
VDP20  
VDP24

#### **16. Other informations:**

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