

# Safety Data Sheet

according to 2001/58/EC

## pulvex ABC Euro

Product code: 650120-pxae

Print date: 06.11.2003

Revision date: 01.10.2003

Page 1 of 6

### **1. Identification of the substance/preparation and company**

**1.1 Commercial product name:** pulvex ABC Euro  
Product code: 650120-pxae  
Product group: dry chemical

#### **Use of the substance/preparation**

Fire extinguishing agent;  
dry chemical

#### **1.2 Information manufacturer/supplier**

TOTAL WALTHER Feuerschutz Löschmittel GmbH  
Industriestraße 11  
D68526 Ladenburg  
Telephone : +49/(0)6203/934-0  
Telefax : +49/(0)6203/934-150  
Contact person : Dr. Th. Leonhardt Telephone : -299  
e-mail : info@tycoint.com

Inquiry office : Laboratory  
Emergency telephone number : +49/(0)6203/934-112

### **2. Composition/information on ingredients**

#### **Chemical characterization : ( preparation )**

Mixture of inorganic salts,  
silicic acids,  
Corrosion inhibitor,  
lubricant  
processing aid

#### **Additional information**

dry powder  
Keep container tightly closed in a dry and well-ventilated place.

### **3. Hazards identification**

None known

#### **Explication of special hazards for human health and environment**

No hazards resulting from material as supplied.

### **4. First aid measures**

#### **General information**

dry chemical

#### **After inhalation**

Move to fresh air.; In case of feeling unwell: Call a physician immediately.

#### **After contact with skin**

In case of skin contact Wash off with soap and water.



## Safety Data Sheet

according to 2001/58/EC

### pulvex ABC Euro

Product code: 650120-pxae

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Revision date: 01.10.2003

Page 2 of 6

#### After contact with eyes

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

If eye irritation persists, consult a specialist.

#### After ingestion

If swallowed Give small amounts of water to drink

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## 5. Fire-fighting measures

#### Suitable extinguishing media

not applicable

#### Extinguishing media that must not be used for safety reasons

not applicable

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

#### Special protective equipment for firefighters

Not required

#### Additional information

The product itself does not burn.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Do not flush into surface water or sanitary sewer system.

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## 6. Accidental release measures

#### Personal precautions

Avoid dust formation.

In the case of dust or aerosol formation use respirator with filter model P1/FFP1 (according to DIN 3181, 1980).

#### Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

#### Methods for cleaning up/taking up

Take up mechanically and collect in suitable container for disposal.

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## 7. Handling and storage

### 7.1 Handling

#### Advice on safe handling

Not required

#### Advice on protection against fire and explosion

Not required

#### Further information on handling

Not required



## Safety Data Sheet

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Product code: 650120-pxae

Print date: 06.11.2003

Revision date: 01.10.2003

Page 3 of 6

#### 7.2 Storage

##### Requirements for storage rooms and vessels

Keep in a dry place. Keep at temperatures below 60 °C.

##### Advice on storage compatibility

Not required

##### Further information on storage conditions

Store in original container. Keep tightly closed.

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### 8. Exposure controls/personal protection

#### 8.1 Exposure limit values

##### Additional advice control parameters

Not required

#### 8.2 Exposure controls

##### Occupational exposure controls

Not required

##### Protective and hygiene measures

Avoid dust formation in confined areas.

##### Respiratory protection

In the case of dust or aerosol formation use respirator with filter model P1 / FFP1 (according to DIN 3181, 1980).

##### Hand protection

Not required

##### Eye protection

Not required

##### Body protection

Not required

##### Environmental exposure controls

Do not flush into surface water. Do not let product enter drains.

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### 9. Physical and chemical properties

#### 9.1 Appearance

Form: solid, free flowing wettable powder  
Colour: light blue  
Odour: none

#### 9.2 Important health, safety and environmental information

	Test method
pH Value (at 20 °C)	4,0-4,6 (10% Soln.)

##### Changes in the physical state

Melting point: >190 °C

Flash point: none °C

## Safety Data Sheet

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### pulvex ABC Euro

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Revision date: 01.10.2003

Page 4 of 6

Flammability

#### **Oxidizing properties**

The product is not flammable.; Fire extinguishing agent

#### **Explosive properties**

not applicable

Density:

1,7-1,9 g/cm<sup>3</sup>

(at 20 °C)

Water solubility:

290-320 g/l

(at 20 °C)

#### **9.3 Other information**

Autoignition temperature

#### **Further information**

Bulk density 850-920kg/m<sup>3</sup>

## **10. Stability and reactivity**

#### **Materials to avoid**

strong acids and strong bases

#### **Hazardous decomposition products**

ammonia, carbon dioxide (CO<sub>2</sub>)

## **11. Toxicological information**

#### **Acute toxicity**

None known

#### **Specific effects in experiment on an animal**

None known

#### **Irritancy and corrosiveness**

None known

#### **Sensitising effect**

None known

#### **Subacute, subchronic and prolonged toxicity**

None known

#### **Carcinogenity, mutagenicity and reproductive toxicity**

None known

#### **Empirical data on effects on humans**

None known

None known



## Safety Data Sheet

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Print date: 06.11.2003

Revision date: 01.10.2003

Page 5 of 6

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## 12. Ecological information

### Ecotoxicity

This product has no known eco-toxicological effects.

### Mobility

Water solubility : soluble

### Persistence and degradability

Readily biodegradable, according to appropriate OECD test.

### Bioaccumulative potential

Does not bioaccumulate

### Other adverse effects

slightly water contaminating

### Additional information

Information given is based on data on the components and the ecotoxicology of similar products

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## 13. Advice on disposal

### Dispose

Waste from residues: In accordance with local and national regulations.

Where possible recycling is preferred to disposal or incineration. Contact the proper local authorities.

### Waste disposal number of Waste from residues / unused product : 160506

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

Classified as hazardous waste.

### Waste disposal number of used product : 160506

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

Classified as hazardous waste.

### Contaminated packaging

Clean container with water. Can be disposed of as waste water, when in compliance with regulations of local sewerage undertaking or the NRA.

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## 14. Transport information

### 14.1 Land transport (ADR/RID)

ADR/RID:

None known

Warnings plate :

### Description of the goods:

Fire extinguishing agent

### Remarks (land transport)

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

## Safety Data Sheet

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Print date: 06.11.2003

Revision date: 01.10.2003

Page 6 of 6

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#### 14.2 Inland waterways transport

##### Description of the goods

Fire extinguishing agent

##### Remarks (inland waterways transport)

Not classified as dangerous in the meaning of sea and air transport regulations.

#### 14.3 Marine transport

##### Description of the goods

Fire extinguishing agent

##### Remarks (marine transport)

Not classified as dangerous in the meaning of sea and air transport regulations.

#### 14.4 Air transport

##### Description of the goods

Fire extinguishing agent

##### Remarks (air transport)

Not classified as dangerous in the meaning of sea and air transport regulations.

#### 14.5 Further Information

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### 15. Regulatory information

#### 15.1 Labelling

##### Labelling according to EC-guidelines

Not required

#### 15.2 National regulations

Water contaminating class: 1 - slightly water contaminating

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### 16. Other information

#### Other data

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### Changes

For further information, please also consult our Internet site: <http://www.twfl.com>

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