



Safety Data Sheet

according to 2001/58/EC

pulvex ABC Royal

Product code: 650101-pxar

Print date: 06.11.2003

Revision date: 01.10.2003

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1. Identification of the substance/preparation and company

1.1 Commercial product name: pulvex ABC Royal
Product code: 650101-pxar
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.



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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

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.

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.

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



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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.

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.

9. Physical and chemical properties

9.1 Appearance

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

9.2 Important health, safety and environmental information

pH Value 4,0 - 4,5 (10% Soln.)
(at 20 °C)

Test method

Changes in the physical state

Melting point: >185 °C

Flash point: none °C



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Flammability

Oxidizing properties

The product is not flammable.; Fire extinguishing agent

Explosive properties

not applicable

Density: 1,8-2,0 g/cm³
(at 20 °C)
Water solubility: >280 (after longer influencing) g/l
(at 20 °C)

9.3 Other information

Autoignition temperature

Further information

Bulk density 850-950kg/m³

10. Stability and reactivity

Conditions to avoid

None

Materials to avoid

strong acids and strong bases

Hazardous decomposition products

ammonia, carbon dioxide (CO₂)

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



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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

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.

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, ADNR, IMDG-Code, ICAO/IATA-DGR



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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

15. Regulatory information

15.1 Labelling

Labelling according to EC-guidelines

Not required

15.2 National regulations

Water contaminating class: 1 - slightly water contaminating

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>
