

WTW Safety Data Sheet
According to EC Directives 91/155/EEC

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

Product name:

Calibrating tablets

Ord. No.: 209 333
Model: OxiTop PM

Manufacturer:

WTW Wissenschaftlich-Technische Werkstätten GmbH, Dr.-Karl-Slevogt-Straße 1, D-82362 Weilheim, Germany, Tel.: +49(0)881 183-0, Fax.: +49(0)881 183-420

Emergency telephone:
(001)-703-527-3887

2. Composition/information on ingredients

Chemical characterization: White tablets

Ingredients: Sodium sulfite

Hazard symbols: No hazardous product

R-phrases: /

Content: 71 %

CAS-No.: 7757-83-7

EINECS-No.: 231-821-4

3. Hazards identification

No hazardous product.

4. First aid measures

After inhalation: Fresh air

After skin contact: Wash off with plenty of water.
Remove contaminated clothing.

After eye contact: Rinse out with plenty of water with the eyelid held wide open. Summon eye specialist.

After ingestion: Drink plenty of water, induce vomiting.
Immediately summon doctor.

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5. Fire-fighting measures

<i>Suitable extinguishing media:</i>	To suit environment.
<i>Unsuitable extinguishing media:</i>	No information available.
<i>Special risks:</i>	Development of hazardous gases possible in the event of fire. The following may develop in the event of fire: SO _x . Do not stay in dangerous zone without suitable chemical protection clothing and selfcontained breathing apparatus.
<i>Other information:</i>	Non combustible.

6. Accidental release measures

<i>Personal-related precautionary measures:</i>	Avoid the generation of dusts.
<i>Environmental-protection measures:</i>	Do not allow to enter sewerage system.
<i>Procedures for cleaning/absorption:</i>	Pick up the tablets with a pair of tweezers.

7. Handling and storage

<i>Handling:</i>	No further requirements.
<i>Storage:</i>	Dry and tightly closed.

8. Exposure control/personal protection

<i>Specific control parameters:</i>	None
Personal protective equipment	
<i>Respiratory protection:</i>	Required when dusts are generated.
<i>Eye protection:</i>	Protective glasses
<i>Hand protection:</i>	Gloves (nitrile rubber)
<i>Industrial hygiene:</i>	Wash hands after working with substance. Change contaminated clothing.

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9. Physical and chemical properties

<i>Form:</i> Solid	<i>Colour:</i> White	<i>Odour:</i> Odourless
<i>pH-value</i>	about 9,7 at 20°C and 50 g/l water	
<i>Melting temperature:</i>	> 500°C	
<i>Boiling temperature:</i>	°C	
<i>Ignition temperature:</i>	°C	
<i>Flash point:</i>	°C	
<i>Explosion limite lower:</i>	/	
<i>upper:</i>	/	
<i>Density:</i>	2,63 g/cm ³	
<i>Solubility in water:</i>	495 g/l 40°C	
<i>Thermal decomposition:</i>	/	

10. Stability and reactivity

<i>Conditions to be avoided:</i>	No information available.
<i>Substances to be avoided:</i>	Oxidizing agents, acids
<i>Hazardous decomposition products:</i>	Sulfur dioxide
<i>Further information:</i>	None

11. Toxicological information

<i>Acute toxicity:</i>	LD 50 oral: 2610 mg/kg for sodium sulfite
<i>Further toxicological information:</i>	After contact with substance: Slight irritations of eyes, skin and mucous membranes are possible.

12. Ecological information

<i>Ecotoxic effects:</i>	Toxic for aquatic organisms. No ecological problems are to be expected when the product is handled and used with due care and attention.
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13. Disposal considerations

Products: There are no uniform regulations for the disposal of chemicals or residues. The disposal is regulated through corresponding regional laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose the special waste.

Packaging: Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, noncontaminated packaging may be treated like household waste or recycled.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Labelling according to EC directives

Symbol: No hazardous product

R-phrases: /

S-phrases: /

German regulations

Water pollution class; WGK: 1 Slight polluting substance

Storage class VCI: 12

Regulation on combustible liquids; VbF: Non combustible

Other regulations: None

16. Other information

Date of issue: 15.07.2006

Supersedes edition of 18.02.2004

Reason for alteration: General update

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.