

# Safety Data Sheet

## according to Regulation (EU) 2015/830

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### SECTION 1: Identification of the substance/product and of the company

#### 1.1 Product identifier

Trade name

St 1000<sup>®</sup>

Index No.

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EC No.

CAS No.

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REACH registration No.

This product is not covered by the REACH registration requirements.

#### 1.2 Relevant identified uses of the substance or product and uses advised against

Relevant identified uses of the substance or product

Agriculture industry, chemical industry, conveyor systems and automation, drinks and bottling industries, port and marine fender construction, mechanical and plant engineering, food industry, paper industry

Uses advised against

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#### 1.3 Details of the supplier of the Safety Data Sheet

**Manufacturer/Supplier**

Wefapress Beck + Co. GmbH  
Up de Hacke 21/31  
48691 Vreden  
GERMANY

Telephone: +49 (0) 2564/9329-0

Telefax: +49 (0) 2564/9329-0

E-Mail: info@wefapress.com

#### 1.4 Emergency telephone number

+49 (0) 2564/9329-0

# Safety Data Sheet

## according to Regulation (EU) 2015/830

---

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or product

Classification according Regulation (EG) No. 1272/2008  
No hazardous material

Classification according to Directive 67/548/EEC or Directive 1999/45/EC  
No hazardous substance

#### 2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 or Directive 1999/45/EEC  
Not required

#### 2.3 Other hazards

This product does not meet the PBT/vPvB REACH-criteria.

### SECTION 3: Composition/information on ingredients

Chemical characterization:  
PE-UHMW (ultra-high molecular weight polyethylene)

#### 3.1 Substances

Not applicable

#### 3.2 Products

See chemical characterization

# Safety Data Sheet

## according to Regulation (EU) 2015/830

---

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### After inhalation

After inhalation of dust, absorb sufficient oxygen. If symptoms persist, seek medical advice.

##### After skin contact

Wash off with water and soap. If symptoms persist, seek medical advice.

##### After eye contact

In the case of contact with eyes, rinse immediately with plenty of water. If irritation persists, seek medical advice.

##### After ingestion

Seek medical advice immediately. Do not induce vomiting.

#### 4.2 Most important symptoms and effects, both acute and delayed

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#### 4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Extinguishing foam, extinguishing powder

##### Unsuitable extinguishing media

Water jet

# Safety Data Sheet

## according to Regulation (EU) 2015/830

---

### 5.2 Special hazards arising from the substance or product

During combustion carbon monoxide and carbon dioxide may arise.

### 5.3 Advice for firefighters

Use breathing apparatus with independent air supply (isolated).

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe in dust. Avoid dust formation.

### 6.2 Environmental precautions

No special environmental precautions required.

### 6.3 Methods and material for containment and cleaning up

Avoid dust formation. Disposal in accordance with the local legal provisions.

### 6.4 Reference to other sections

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Indications for safe handling**

Avoid inhalation of dust.

# Safety Data Sheet

## according to Regulation (EU) 2015/830

---

**Indications for fire and explosion protection**  
Observe the general rules of preventive fire protection.

**Hygiene measures**  
Wash hands before breaks and at the end of work. Do not eat, drink or smoke at work.

### 7.2 Conditions for safe storage, including any incompatibilities

**Requirements for storage rooms and vessels**

**Storage of products**  
Store in a dry place.

**Storage class (TRGS 510)**  
11: combustible solids

### 7.3 Specific end use(s)

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## SECTION 8: Limitation and monitoring of exposure/personal protective equipment

### 8.1 Control parameters

**DNEL and PNEC values**  
This product is not covered by the REACH registration requirements.

### 8.2 Limitation and monitoring of exposure/personal protective equipment

**Appropriate engineering controls**  
Room air extraction

**Personal protective equipment**  
**Eye protection**  
Protective goggles

# Safety Data Sheet

according to Regulation (EU) 2015/830

Hand protection

Gloves

Respiratory protection

Respirator

Limitation and monitoring of environmental exposure

Do not allow entrance in sewage.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:

State of aggregation: solid

Colour(s): natural, black, green or colours according to RAL-K7

Odour: -

Odour threshold: -

PH-value: -

Melting: 240 °C

Initial boiling point and boiling range: -

Flashpoint: not applicable

Evaporation rate: -

Flammability (solid, gas): > 300 °C

Upper/lower flammability or

Explosive limit: -

Vapour pressure: -

Vapour density: -

Relative density: -

Solubility: -

Partition coefficient: -

n-octanol/water: -

Auto-combustion temperature: -

Decomposition temperature: -

Viscosity: -

Explosive properties: -

Oxidizing properties: -

# Safety Data Sheet

## according to Regulation (EU) 2015/830

---

### 9.2 Other information

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical stability

Thermal decomposition can occur above 300 °C.

### 10.3 Possibility of hazardous reactions

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### 10.4 Conditions to avoid

Avoid temperatures above 250 °C.

### 10.5 Incompatible materials

Halogens and strong oxidants.

### 10.6 Hazardous decomposition products

See "Special hazards arising from the substance or product", Section 5.2

# Safety Data Sheet

## according to Regulation (EU) 2015/830

---

### SECTION 11: Toxicological information

#### Information on toxicological effects

After many years of experience, we are not aware of any adverse reactions, the usual provisions of hygiene must be observed when handling with chemicals.

### SECTION 12: Ecological information

Ecological data are not available. After many years of experience, the material has no harmful effect on the environment.

### SECTION 13: Disposal considerations

#### Waste treatment methods

Considering waste legislation laws and regulations, it can be disposed of.

### SECTION 14: Transport information

No hazardous material as defined by the transport regulations.

### SECTION 15: Legal provisions

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or product

Compliance with local and international regulations, laws and guidelines.

#### National regulations

##### Water hazard class

Not hazardous to water



# Safety Data Sheet

## according to Regulation (EU) 2015/830

---

### 15.2 Chemical safety assessment

A material safety assessment is not required.

### SECTION 16: Other information

#### Training instructions

Guarantee that employees are aware of the dangers/risks that are described in the safety data sheet.

#### More Details

The information is based on our current knowledge, however they are no assurance of product properties and do not justify a contractual legal relationship.

#### Abbreviations and acronyms

DNEL	Derived No Effect Level
IBC-Code	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
PBT	Persistent, Bioaccumulative, Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation of Chemicals
TRGS	Technical Rules for Hazardous Substances
vPvB	very Persistent and very Bioaccumulative

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*