



# POWERTEX BISTER

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 26/11/2012

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Version: 2.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : POWERTEX BISTER  
Product group : Blend

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Professional use, Consumer uses  
Industrial/Professional use spec : Dyestuff/pigment  
Function or use category : Colouring agents

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Powertex International  
Strombeeksesteenweg 205  
1800 KONINGSLO-VILVOORDE - BELGIË  
T +3223106090 - F +3223106699

#### 1.4. Emergency telephone number

Emergency number : Belgian poison control centre : 00 32 (0)70 245 245

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Show CLP information + DPD classification in section 2.1

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

Adverse physicochemical, human health and environmental effects

Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC.

#### 2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Acticide		< 0,09	C; R34 R43 R52/53

  

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acticide		< 0,09	Met. Corr. 1, H290 Skin Corr. 1B, H314 Skin Sens. 1, H317

Full text of R- and H-phrases: see section 16

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Not applicable.
First-aid measures after skin contact	: Remove clothing before washing. Wash with water and soap.
First-aid measures after eye contact	: Rinse immediately with plenty of water for 15 minutes. Take victim to an ophthalmologist if irritation persists.
First-aid measures after ingestion	: (If swallowed, rinse mouth, nose and throat with water (only if the person is conscious)). Drink plenty of water. Consult a doctor/medical service if you feel unwell.

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

Symptoms/injuries after skin contact	: Irritating in extreme situations.
Symptoms/injuries after eye contact	: Irritating in extreme situations.
Symptoms/injuries after ingestion	: Nausea.

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: All extinguishing media allowed.
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#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: The product itself does not burn. In dry state: combustible.
Explosion hazard	: No direct explosion hazard.
Reactivity in case of fire	: Upon combustion CO and CO <sub>2</sub> are formed.

#### 5.3. Advice for firefighters

Precautionary measures fire	: Evacuate all personnel that isn't necessary. Shut off leaks if without risks.
Firefighting instructions	: Prevent fire-fighting water from entering environment.
Protection during firefighting	: Use a self-contained breathing apparatus and also a protective suit.
Other information	: The product itself does not burn.

### SECTION 6: Accidental release measures

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

General measures	: Not applicable.
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##### 6.1.1. For non-emergency personnel

Protective equipment	: Use protective clothing. See Heading 8.
Emergency procedures	: Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment	: Wear suitable protective clothing and gloves. Equip cleanup crew with proper protection.
Emergency procedures	: Stop leak if safe to do so. Stop release. Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

For containment	: Shut off leaks if without risks. Contain released substance, pump into suitable containers. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
Methods for cleaning up	: Wash down leftovers with plenty of water.

#### 6.4. Reference to other sections

See also sections (8, 13).

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Observe normal hygiene standards. Avoid contact with skin and eyes.
Handling temperature	: 5 - 35 °C
Hygiene measures	: Do not eat, drink or smoke when using this product.

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

Storage conditions	: Store in original container. Keep container tightly closed. Store in a dry place.
Storage temperature	: 5 - 40 °C

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Storage area : Keep out of direct sunlight. Protect against frost.

### 7.3. Specific end use(s)

Pigment.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Personal protective equipment : Gloves.  
Hand protection : Wear rubber gloves or PVC gloves  
Skin and body protection : Standard working clothes



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Colour : brown.  
pH : 3,5 - 4,5  
Boiling point : > 100 °C  
Auto-ignition temperature : Not applicable  
Density : 1 kg/lit  
Solubility : Water: completely soluble  
Explosive properties : Not applicable.

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Upon combustion CO and CO<sub>2</sub> are formed.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

To avoid strong acids and materials that react with water.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified  
Skin corrosion/irritation : Not classified  
pH: 3,5 - 4,5  
Serious eye damage/irritation : Not classified  
pH: 3,5 - 4,5  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified

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Specific target organ toxicity (single exposure) : Not classified  
Specific target organ toxicity (repeated exposure) : Not classified  
Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Prevent soil and water pollution.  
Ecology - water : Miscible with water.

Acticide	
LC50 fishes 1	10 - 100 mg/l Oncorhynchus mykiss
LC50 other aquatic organisms 1	1 - 10 mg/l Pseudokirchneriella subcapitata
EC50 Daphnia 1	10 - 100 mg/l Daphnia magna

#### 12.2. Persistence and degradability

POWERTEX BISTER	
Persistence and degradability	Not established.

Acticide	
Persistence and degradability	Readily biodegradable.

#### 12.3. Bioaccumulative potential

POWERTEX BISTER	
Bioaccumulative potential	Not established.

Acticide	
Log Kow	-0,71 - 0,75 CIT/MIT
Bioaccumulative potential	No significant bioaccumulation.

#### 12.4. Mobility in soil

POWERTEX BISTER	
Ecology - soil	Biodegradability in soil: no data available.

#### 12.5. Results of PBT and vPvB assessment

POWERTEX BISTER	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste) : Remove to an authorized waste treatment plant. Disposal must be done according to official regulations.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

#### 14.3. Transport hazard class(es)

ADR  
Transport hazard class(es) (ADR) : Not applicable  
:

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### IMDG

Transport hazard class(es) (IMDG) : Not applicable  
Danger labels (IMDG) : Not applicable

### IATA

Transport hazard class(es) (IATA) : Not applicable  
Hazard labels (IATA) : Not applicable

### ADN

Transport hazard class(es) (ADN) : Not applicable

### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Transport regulations (ADR) : Not subject

#### 14.6.2. Transport by sea

Transport regulations (IMDG) : Not subject

#### 14.6.3. Air transport

Transport regulations (IATA) : Not subject

#### 14.6.4. Inland waterway transport

Transport regulations (ADN) : Not subject  
Not subject to ADN : No

#### 14.6.5. Rail transport

Transport regulations (RID) : Not subject  
Carriage prohibited (RID) : No

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions  
POWERTEX BISTER is not on the REACH Candidate List  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

This product is according to EEC directive 1999/45, 67/548 and following adjustments not classified as hazardous.

#### Germany

Water hazard class (WGK) : nwg - Non-hazardous to water

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Data sources : The information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding environment, health and safety in conjunction with the product. They are not to be interpreted as a warranty.

Full text of R-, H- and EUH-phrases:

Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Sens. 1	Sensitisation — Skin, category 1
H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
R34	Causes burns
R43	May cause sensitisation by skin contact
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
C	Corrosive

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*