

# Product Safety Data Sheet – Structherm Fungicidal Wash

Classification according to Regulation (EC) No 1272/2008

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

Product Range: Structherm Fungicidal wash

### 1.2 USE OF SUBSTANCE/PREPARATION

Chemical for use in construction

### 1.3 COMPANY/UNDERTAKING IDENTIFICATION

Structherm Limited  
 Bent Ley Road  
 Meltham  
 Holmfirth  
 HD9 4AP

#### Emergency Telephone:

UK Emergency Number **999** European Emergency Number **112**

#### Emergency Action:

In the event of a medical enquiry involving this product, contact your doctor or local hospital A&E department.

## 2. HAZARD IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

#### CLASSIFICATION UNDER CLP:

Eye Irrit. 2: H319; Skin Irrit. 2: H315; Aquatic Chronic 2: H411

Most important adverse effects: Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

### 2.2 LABEL ELEMENTS

#### HAZARD STATEMENTS:

H315: Causes skin irritation  
 H319: Causes serious eye irritation  
 H411: Toxic to aquatic life with long lasting effects

#### HAZARD PICTOGRAMS:

GHS07: Exclamation mark  
 GHS09: Environmental



Signal words: Warning

#### PRECAUTIONARY STATEMENTS:

**P264:** Wash hands thoroughly after handling  
**P280:** Wear protective gloves/protective clothing/eye protection/face protection  
**P302+P352:** IF ON SKIN: Wash with plenty of water  
**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**P321:** Specific treatment (See instructions on this label)  
**P362+P364:** Take off contaminated clothing and wash it before reuse

**2.3 OTHER HAZARDS**

**PBT:** This product is not identified as a PBT/vPvB substance

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 MIXTURE**






Hazardous ingredients: QUATERNARY AMMONIUM COMPOUNDS

EINECS	CAS.No.	PBT / WEL	Classification	Percent % <sub>w</sub>
<b>270-325-2</b>	68424-85-1	-	H314 Causes severe skin burns and eye damage H318 Causes serious eye damage H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects	1-10% % <sub>w</sub>

## BIPHENYL-2-OL

EINECS	CAS.No.	PBT / WEL	Classification	Percent % <sub>w</sub>
<b>201-993-5</b>	90-43-7	-	H319 Causes serious eye irritation H335 May cause respiratory irritation H315 Causes skin irritation H400 Very toxic to aquatic life	<1% % <sub>w</sub>

**4. FIRST AID MEASURES**

<b>4.1</b>		If contacting a physician, take this product safety data sheet with you
<b>4.2</b>		After skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
<b>4.3</b>		After significant ingestion: Rinse mouth immediately with plenty of water. Get medical attention if any discomfort continues
<b>4.4</b>		After significant inhalation: Move person to fresh air. Seek medical treatment if irritation or discomfort occurs
<b>4.5</b>		After contact with eyes: Irrigate eyes with isotonic eye wash or clean water (remove contact lens if applicable) for at least 15 minutes. Obtain medical advice.

## 5. FIRE FIGHTING MEASURES

- 5.1 FIRE FIGHTING MEDIA** Use most appropriate measure or media to extinguish surrounding fire. Use water spray to cool containers
- 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**  
Exposure hazards: In combustion emits toxic fumes of carbon dioxide/carbon monoxide
- 5.3 ADVICE FOR FIREFIGHTERS**  
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes
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## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 PERSONAL PRECAUTIONS** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
- 6.2 ENVIRONMENTAL PRECAUTIONS** Do not discharge into drains or rivers.
- 6.3 METHODS FOR CLEANING UP** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- 6.4 REFERENCE TO OTHER SECTIONS**  
Refer to section 8 of SDS
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## 7. HANDLING AND STORAGE

- 7.1 HANDLING** Avoid direct contact with the substance.  
Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
- 7.2 STORAGE** Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent escape of liquids
- 7.3 PRODUCT SPECIFIC** No data available
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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 CONTROL PARAMETERS**
- WORKPLACE EXPOSURE LIMITS:** No data available

**8.2 EXPOSURE CONTROLS**

<b>8.2.1</b>		<b>General</b> Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids
<b>8.2.1a</b>		<b>Respiratory Protection</b> Self contained breathing apparatus must be available in case of an emergency. Respiratory protective device with particle filter
<b>8.2.1b</b>		<b>Hand Protection</b> Protective Gloves
<b>8.2.1c</b>		<b>Eye Protection</b> Safety Glasses. Ensure eye bath is available in case of an emergency
<b>8.2.1d</b>		<b>Skin Protection</b> Protective clothing
<b>8.2.2</b>		<b>Environmental exposure controls</b> No data available

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>9.1</b>	<b>State</b>	Liquid
	<b>Colour</b>	Colourless
	<b>Odour</b>	Slight
	<b>Evaporation rate:</b>	Not applicable
	<b>Oxidising:</b>	Not applicable
	<b>Solubility in water:</b>	Not applicable
	<b>Viscosity test method:</b>	Not applicable
	<b>Boiling point/range °C:</b>	>100
	<b>Melting point/range °C:</b>	>0
	<b>Flammability limit:</b>	Not applicable
	<b>Lower:</b>	Not applicable
	<b>Upper:</b>	Not applicable
	<b>Flash point °C:</b>	Not applicable
	<b>Part.coeff.n-octanol/water:</b>	Not applicable
	<b>Autoflammability °C</b>	No data available
	<b>Vapour Pressure</b>	Not applicable
	<b>Relative Density</b>	1.0g/mL
	<b>pH:</b>	c.7
	<b>VOC g/l:</b>	0

**9.2 OTHER INFORMATION**

No data available

**10. STABILITY AND REACTIVITY**

**Reactivity** Stable under recommended transport or storage conditions  
**Stability** Stable under normal conditions of use and storage (see section 7)

- 10.1 CONDITIONS TO AVOID** Heat
- 10.2 HAZARDOUS REACTIONS** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below
- 10.2 MATERIALS TO AVOID** Strong oxidizing agents. Strong acids
- 10.3 HAZARDOUS DECOMPOSITION PRODUCTS**  
 Decomposition In combustion emits toxic fumes

**11. TOXICOLOGICAL INFORMATION**

Hazardous Ingredients:

BIPHENYL-2OL

ORL	MUS	LD50	1050	Mg/kg
ORL	RAT	LD50	2700	Mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: Calculated
Serious eye damage/irritation	OPT	Hazardous: Calculated

**11.1 ACUTE AFFECTS**

**Eye contact** There may be pain and redness. The eyes may water profusely.

**Skin contact** There may be irritation and redness at the site of contact.

**Ingestion** There may be soreness and redness of the mouth and throat.

**Inhalation** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed/Immediate effects** Immediate effects can be expected after short-term exposure

**Other information** Not applicable

## 12. ECOLOGICAL INFORMATION

### 12.1 TOXICITY

#### Hazardous ingredients: QUATERNARY AMMONIUM COMPOUNDS

Daphnia	504H NOEC	0.025	mg/l
Daphnia	72H EC10	0.016	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H EC10	0.0025	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H EC50	0.025	mg/l
RAINBOW TROUT (Onchorhynchus mykiss)	96H LC50	0.085	mg/l

#### BIPHENYL-2-OL

Daphnia	504H NOEC	0.009	mg/l
Daphnia	48H EC50	2.7	
Fathead minnow	72H NEOC	0.036	mg/l
Fathead minnow	96H LC50	4.5	mg/l
Pseudokirchnerielle subcapitata (Algae)	72H EC50	3.57	mg/l
Pseudokirchnerielle subcapitata (Algae)	72H NOEC	0.468	mg/l

### 12.2 PERSISTENCE AND DEGRADABILITY

**Not biodegradable**

### 12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation potential.

### 12.4 MOBILITY IN SOIL

Readily absorbed into soil

### 12.5 RESULTS OF PBT AND vPvB ASSESSMENT

This product is not identified as a PBT/vPvB substance

### 12.6 OTHER ADVERSE EFFECTS

Toxic to aquatic organisms. Toxic to soil organisms

## 13. DISPOSAL CONSIDERATIONS

**Disposal Operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** No information available

**Disposal of packaging:** No specific requirements. Recycling and disposal of packaging should be carried out by an authorized waste management company

**N.B** The users attention is drawn to the possible existence of regional or national regulations regarding disposal

## 14. TRANSPORT INFORMATION

### Classification

Not classified as hazardous for air, sea or road freight.  
No special precautions apply, refer to section 8

**15. REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Not applicable

**15.2 CHEMICAL SAFETY ASSESSMENT**

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

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**16. OTHER INFORMATION****16.1 OTHER INFORMATION**

According to Regulation (EC) No 1907/2006 (REACH) with its amendment regulation (EU) 2015/830

\*indicated text in the SDS which has changed since the last version

**16.2 PHRASES USED IN s.2 and 2.3:**

<b>H314</b>	Causes severe skin burns and eye damage
<b>H315</b>	Causes skin irritation. Toxic if swallowed
<b>H318</b>	Causes serious eye damage
<b>H319</b>	Causes serious eye irritation
<b>H335</b>	May cause respiratory irritation
<b>H400</b>	Very toxic to aquatic life
<b>H410</b>	Very toxic to aquatic life with long lasting effects
<b>H411</b>	Toxic to aquatic life with long lasting effects

**16.3 FURTHER INFORMATION**

**For technical advice contact:**

Email: [info@structherm.co.uk](mailto:info@structherm.co.uk)

Tel: +44(0)1484 850098

Web: [www.structherm.co.uk](http://www.structherm.co.uk)

**16.4 GUIDANCE AND REFERENCE**

This data sheet is supplementary to other technical instruction and guidance and does not replace them.

This information is based on data currently available and is correct to the best of our knowledge at the time of publication.

This information is given as a guidance in assessing safe handling, storage and use.

Recipients of the product must take responsibility for the safe use and disposal of product observing existing laws, regulations an accepted best working practice.