



Revision 19/11/2020

SAFETY DATA SHEET

Algicide

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

### 1.1 Product Identifier

Product Name: Algicide

### 1.2 Relevant identified uses and used advised against

Identified used: Treating pools and hot tubs

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

Company: Deep Blue Pool Supplies

Box 8899 Hermitage,  
Corsham, SN13 8DT

Telephone: +44 (0) 3330 907094

Fax: +44 (0) 3330 907094

E-mail:

[help@deepbluepoolsupplies.co.uk](mailto:help@deepbluepoolsupplies.co.uk)

### 1.4 Emergency Telephone Number

Tel: +44 (0) 3330 907094 (office hours)

Tel: 111 (Out of hours)

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)  
Eye Dam. 1: Causes serious eye damage.  
Aquatic Acute 1: Very toxic to aquatic life.  
Aquatic Chronic 2: Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Product Name: Algicide

Hazard Pictogram:



Signal Word: Danger

Hazard Statement: **H318:** Causes serious eye damage.  
**H410:** Very toxic to aquatic life with long lasting effects.

Precautionary Statements: **P273:** Avoid release to the environment.  
**P280:** Wear protective gloves/protective clothing/eye protection/face protection.  
**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing.

**P310:** Immediately call a POISON CENTER/doctor.

**P391:** Collect spillage.

**P501:** Dispose of contents in accordance with local, state or national legislation.

Supplemental Hazard  
Information:

### 2.3 Other Hazards

None known.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

### 3.2 Mixtures

Hazardous Ingredients	CAS No	EC No / REACH Regulation No.	%WW	Hazardous Statement(s)	Hazard Pictogram(s)
Sulfuric acid copper(2+) salt (1:1), hydrate (1:5)	7758-99-8	616-477-9	>5%	Acute Tox. 4 H302 Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS05 GHS07 GHS09

## 4. FIRST AID MEASURES (SYMPTOMS)

### 4.1 Description of first aid measures

Inhalation: Treat symptomatically.

Skin Contact: Treat symptomatically.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

Ingestion: Treat symptomatically.

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

Causes burns.

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

Immediately call a POISON CENTRE/doctor. Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media: As appropriate for surrounding fire.

Unsuitable extinguishing media: None.

## 5.2 Special hazards arising from the substance of mixture

Exposure Hazards: May decompose in a fire, giving off toxic and irritant vapours.

## 5.3 Advice for firefighters

Advice for fire-fighters: Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

## 6. ACCIDENTAL RELEASE MEASURES

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

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

### 6.2 Environmental precautions

Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

### 6.3 Methods and materials for containment and clean up

Collect spillage. Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

### 6.4 Reference to other sections

For disposal see section 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Wear eye protection.

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

Storage temperature: Ambient.

Storage Life: Stable under normal condition.

Incompatible materials: None known.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

Occupational Exposure Limits

Substance	CAS No	LTCL (8hr TWA ppm)	LTCL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )
Copper and compounds: dust and mists (as Cu)	7758-99-8		1		2

## 8.2 Exposure Controls

- Engineering Measures: Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
- Respiratory Protection: Normally no personal respiratory protection is necessary.
- Eye Protection: Wear eye protection with side protection (EN166).
- Skin Protection: Wear protective clothing and gloves: Impervious gloves (EN 374).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 information on basic physical and chemical properties

- Appearance: Liquid
- Colour: Dark Blue
- Odour: Perceptible Odour
- pH: 7.8 - 8.2
- Solubility: Soluble in water
- Relative density: 1.02 – 1.03

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

None anticipate.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

- Acute toxicity - ingestion: Not classified
- Acute toxicity – Skin Contact: Not classified
- Acute toxicity – Inhalation: Not classified
- Skin corrosion/irritation: Not classified
- Serious eye damage/irritation: Causes serious eye damage
- Skin sensitization data: Not classified
- Respiratory sensitization data: Not classified
- Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified  
Reproductive toxicity: Not classified  
Lactation: Not classified  
STOT – Single Exposure: Not classified  
STOT – Repeat Exposure: Not classified  
Aspirational hazard: Not classified

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Very toxic to aquatic life with long lasting effects.  
Toxicity – Aquatic invertebrates: Not known  
Toxicity – Fish: Not known  
Toxicity – Algae: Not known  
Toxicity – Sediment: Not classified  
Compartment:  
Toxicity – Terrestrial: Not classified  
Compartment

### 12.2 Persistence and degradability

Not known

### 12.3 Bioaccumulative potential

Not known

### 12.4 Mobility in soil

Not known

### 12.5 Results of PBT and vPvB assessment

Not known

### 12.6 Other adverse effects

Not known.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

## 14. TRANSPORT INFORMATION

**14.1 UN Number**

UN Number: UN3082

**14.2 UN Proper Shipping Name**Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(COPPER SULPHATE PENTAHYDRATE)**14.3 Transport Hazard Class(es)**

Transport class: 9

**14.4 Packing Group**

Packing Group: III

**14.5 Environmental Hazards**Environmentally Yes  
hazardous:**14.6 Special Precautions for user****15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

The EU Biocides Regulation 528/2012 (EU BPR).

**16. OTHER INFORMATION**

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

English	French (fr)	Spanish (es)	German (de)
Causes skin irritation	Provoque une irritation cutanée.	Provoca irritación cutánea.	Sofort ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.
Causes serious eye irritation	Provoque une grave irritation oculaire.	Provoca irritación ocular grave.	Verursacht schwere Augenreizung.
IF ON SKIN: Wash with plenty of water	EN CASO DE CONTACTO CON LA PIEL: Laver abondamment à l'eau	EN CASO DE CONTACTO CON LA PIEL: Lavar con abundante agua	BBEI BERÜHRUNG MIT DER HAUT: Mit viel Wasser/... waschen

<p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.</p>	<p>EN CAS DE CONTACT AVEC LES YEUX: rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer.</p>	<p>EN CASO DE CONTACTO CON LOS OJOS: Enjuagar con agua cuidadosamente durante varios minutos. Quitar las lentes de contacto cuando estén presentes y pueda hacerse con facilidad. Proseguir con el lavado.</p>	<p>BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen.</p>
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Other things for label;



Dosage

100ml per 1000 litres initially.

20ml per 1000 litres weekly for maintenance.