

SAFETY DATA SHEET

Algecide 2x5L

1) IDENTIFICATION

Product name:
ALGECIDE

Champion Product code:
171305

Supplier: Champion Distribution Ltd.
Regent Park, Princes Risborough,
Buckinghamshire
HP27 9LE

Telephone No: Office Hours 01844 342 866
Fax: 01844 344 915
Emergency Contact:
Out of hours 07967 690 464
Email: office@championdistribution.co.uk

2) HAZARDS IDENTIFICATION

Human Health Hazards:
Irritating to eyes and skin. May cause allergic skin reaction.

Safety Hazards:

Environmental Hazards:
Solution is largely water and contains no major environmental pollutants.

3) COMPOSITION / INFORMATION ON INGREDIENTS

Product description:
A liquid concentrate for the removal of algal growth and bio-slime in photographic wash water systems.

	CAS No.	%w/w
Isothiazolin-3-one derivatives		26172-55-4
	0.1-0.5	
Bronopol INN	52-51-7	1-5

4) FIRST AID MEASURES

Eyes:
Flush immediately with eye-wash solution or clean water for several minutes, holding the eyelids apart. Obtain medical attention.

Inhalation:
No significant risk under normal conditions of use. Remove the person to fresh air.

Skin contact:

Remove any contaminated clothing. Wash skin with cold water then thoroughly with soap and water. Thoroughly wash contaminated clothing before re-use.

Discard any contaminated items made of leather. Obtain prompt medical attention.

Ingestion:

Drink water to dilute. Administer activated charcoal. Do not induce vomiting. Obtain IMMEDIATE medical attention.

IN ALL CASES OF DOUBT OR IF SYMPTOMS PERSIST, SEEK MEDICAL ADVICE. SHOW THE PRODUCT LABEL AND THIS SAFETY DATA SHEET TO THE DOCTOR.

NOTE TO PHYSICIAN: Material is corrosive. It may not be advisable to induce vomiting or use gastric lavage. Measures against circulatory shock and convulsions may be necessary.

5) FIRE-FIGHTING MEASURES

Not classified as flammable (water based). If involved in a major fire, toxic gases will be produced.

Extinguishing Media:
Suitable for the surrounding fire.

Protective Equipment:
Self-contained respiratory equipment.

6) ACCIDENTAL RELEASE MEASURES

Personal Protection:
Prevent skin and eye contact. Use respiratory and other protection as in Section 8.

Environmental Precautions:
Contain spills immediately with sawdust, sand or proprietary absorbents. Dispose via incineration or licensed waste disposal contractor. Do not release to drains.

Cleaning:
Excess liquid should be absorbed with sawdust, sand or proprietary methods. Dispose of this material via waste contractor and wash affected area with a solution of 10% sodium bisulphite in water (See Section 13).

7) HANDLING & STORAGE

Handling:

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Use in a well ventilated area. Avoid contact with eyes, skin and clothing.

Storage:

Store in a dry, well ventilated area at a moderate temperature. Do not store in steel containers. Rinse residual contents of containers thoroughly before disposal, wearing protective clothing as detailed in Section 8.

8) EXPOSURE CONTROLS / PERSONAL PROTECTION

Relevant Exposure Limits:

Engineering Measures:

Ensure good ventilation or local exhaust ventilation of the working area.

Personal Protection:

Wear chemically resistant apron, nitrile gloves and safety goggles or face shield when clearing spills and when using the working strength solution.

Eye Protection:

Wear safety glasses with side shields as the minimum level of protection. Provide eye-wash bottles in the immediate area.

9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue-green liquid
Odour:	Mild
pH at 20°C	3-4
Weight per ml at 20°C	1.02
Freezing point:	
Flammability:	Not flammable
Solubility in water:	Completely soluble

10) STABILITY AND REACTIVITY

Stability:

Stable under recommended storage conditions.

Materials to avoid:

Avoid contact with oxidising agents, reducing agents, amines and mercaptans.

Hazardous Decomposition Products:

Thermal decomposition may yield hydrogen chloride, sulphur dioxide and oxides of nitrogen.

11) TOXICOLOGICAL INFORMATION

Eye Contact:

Likely to cause irritation; serious or long term damage unlikely if irrigation has been prompt.

Skin Contact:

Prolonged or repeated contact may cause irritation and sensitisation.

Ingestion:

Ingestion of the liquid concentrate is likely to cause irritation of the mouth and gastro-intestinal tract.

Inhalation (of the liquid):

Likely to cause irritation and inflammation to mucous membrane. No vapour hazard under normal conditions of use.

12) ECOLOGICAL INFORMATION

13) DISPOSAL CONSIDERATIONS

Surplus Product and Working Strength Solution:

Surplus product should only be disposed of in accordance with current national and local legislation and only by a licensed waste contractor.

Plastic Containers:

Triple-rinse thoroughly with water and dispose as solid waste to landfill or re-cycle where possible.

Cardboard Cartons:

Re-cycle where possible or treat as solid waste.

14) TRANSPORT INFORMATION

By sea:	IMDG Class 8, Packing Group III
By EU Road/Rail:	Class 8 Item 40° (b)
By UK Road (CDG-CPL)	Class 8, Packing Group III
By Air (ICAO)	Class 8, Packing Group III

15) REGULATORY INFORMATION

Contains Isothiazolinone and Bronopol INN.

Hazard Symbol:

C Corrosive

Risk Phrases:

R34 Causes burns
R43 May cause sensitisation by skin contact.

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Safety Phrases:

- S26 In case of contact with eyes, rinse immediately with water and seek medical advice.
- S28 In case of contact with skin, wash immediately with soap and water.
- S45 In case of accident or feeling unwell, seek medical advice.
- S36/S37/S39 Wear suitable protective clothing, gloves and eye/face protection.
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16) OTHER INFORMATION

The information contained in this Safety Data Sheet does not constitute the user's own assessment of work place risk as required by other health and safety legislation, (e.g. COSHH Regulations in the UK).

Document History:

Prepared by: IF

Revision No:

Revision Date: February 2010

Reference sources include:

- CHIP Regs and related ACOPs
- UK HSE EH40
- Occupational Exposure Limits
- Croner's First Aid Guide
- Raw Materials MSDS
- Champion product data

The information contained in this Safety Data Sheet is to our best present knowledge correct and complete and is given in good faith but without warranty.

Changes this Revision.

This SDS complies with REACH with respect to Sections 2 & 3.