

SAFETY DATA SHEET

1) IDENTIFICATION

Product Name: B&W Indicator Stopbath

Champion Product Code: 180314

Presentation: 1L Bottle

Supplier: CHAMPION PHOTOCHEMISTRY
INTERNATIONAL LIMITED
Widford Ind Est
Chelmsford,
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United Kingdom

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2) COMPOSITION/INFORMATION ON INGREDIENTS

Product Description:

A photographic indicating stopbath containing the following component which contributes to hazard:

	CAS NO	%w/w
Acetic acid	64-19-7	10-25

3) HAZARDS IDENTIFICATION

Human Health

Hazards:

Irritating to eyes and skin. The evolution of acetic acid vapour may cause respiratory irritation to asthmatics or persons with known respiratory problems.

Safety Hazards:

None specific.

Environmental

Hazards:

None specific.

4) FIRST AID MEASURES

Eyes:

Flush immediately with eye-wash solution or clean water for at least 15 minutes holding the eyelids apart. Obtain medical attention.

Inhalation:

Inhalation of the product is unlikely to occur. In the event of inhalation move to fresh air and obtain medical attention if symptoms occur. Asthmatics or persons with known respiratory problems should receive immediate medical attention.

Skin Contact:

Remove contaminated clothing and wash skin thoroughly with a neutral (non-alkaline) cleanser and water. Thoroughly wash clothing before re-use.

Ingestion:

Rinse mouth with water and drink two glasses of water. Do not induce vomiting. Obtain 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

5) FIRE-FIGHTING MEASURES

Not classified as flammable.

Extinguishing Media:

Suitable for the surrounding fire.

Protective Equipment:

Self-contained respiratory equipment.

6) ACCIDENTAL RELEASE MEASURES

Personal Protection:

When dealing with spillages use the personal protection specified in Section 8.

Environmental Precautions:

Prevent large spillages from entering drain by absorption into inert absorbent material (eg. dry sand or earth) and transfer to a container for disposal by a licensed waste contractor. Small spillages should be washed to drain with plenty of water.

Cleaning Up:

After collecting the bulk of the spillage thoroughly wash area to drain with water.

7) HANDLING AND STORAGE

Handling:

When handling the product concentrates, avoid contact with eyes, skin and clothing. Use in a well ventilated area.

Storage:

Store in a dry, well ventilated area at a moderate temperature. Store away from incompatible substances, (see Section 10).

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Acetic acid vapour will be liberated from the product.

Relevant Exposure Limits

UK Occupational Exposure Standards

STEL (15 min) Acetic Acid	37mg m ⁻³
TWA (8 min) Acetic Acid	25mg m ⁻³

Engineering Measures:

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

Skin Protection:

Wear impervious gloves when handling the product.

Eye Protection:

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

9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Bright orange-yellow liquid
Odour:	Of acetic acid
pH at 20°C:	1.8
Weight per ml at 20°C:	1.14g cm ⁻³ at 20°C
Freezing Point:	<0°C
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.

Hazardous Decomposition Products:

None under normal conditions of use.

11) TOXICOLOGICAL INFORMATION**Eye Contact:**

Likely to cause severe irritation.

Skin Contact:

Prolonged or repeated contact may cause irritation. The presence of indicator will cause temporary staining.

Ingestion:

Likely to cause irritation of the mouth and gastro-intestinal tract.

Inhalation:

Irritation of mucous membrane. Vapour may cause irritation to asthmatics or persons with known respiratory problems.

12) ECOLOGICAL INFORMATION

The following summary of expected environmental effects is based on known data for the components and on the physico-chemical properties of the preparation.

The product has a very low biochemical oxygen demand and little potential to cause oxygen depletion in the aquatic environment. The product is acidic and this property will have short term and localised adverse effect if released into the aquatic environment or into soil.

In view of the small pack quantities, no long term or widespread adverse environmental effects are expected.

13) DISPOSAL CONSIDERATIONS**Surplus Product and Working Strength Solution:**

Disposal should be in accordance with current local and national legislation and only by a licensed waste contractor. Do not dispose of either concentrate or working strength solutions into drain sewers or waterways.

Plastic Containers:

Rinse thoroughly with water and dispose as solid waste to land fill or re-cycle where possible.

Cardboard Cartons:

Re-cycle where possible.

14) *TRANSPORT INFORMATION

IMDG: Not Classified as dangerous for Sea Carriage

ADR: Not subject to ADR

15) REGULATORY INFORMATION

Hazard Symbol: Xi Irritant

Risk Phrases: R36/38Irritating to eyes and skin.

Safety Phrases: S2 S26
Keep out of reach of children.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16) OTHER INFORMATION

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

Document History

Prepared by: IF

Revision No: 1

Revision Date: Dec 2006

Reference Sources Include: CHIP Regs 1996.
UK HSE EH40/96, Occupational Exposure Limits
Croner's First Aid Guide
Raw Material MSDS

An asterisk (*) in text indicates revision since last issue.

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.