

# SAFETY DATA SHEET

## 1) IDENTIFICATION

**Product Name:** MYDONEG Bleach III Regenerator

**Champion Product Code:** 140336

**Presentation:** 2 x 100L Pack

**Supplier:** CHAMPION PHOTOCHEMISTRY  
INTERNATIONAL LIMITED  
Hubert Road  
Brentwood  
Essex CM14 4JE  
United Kingdom

**Telephone No:** + 44 (0) 1277 263646

**Fax:** + 44 (0) 1277 260832

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## 2) COMPOSITION/INFORMATION ON INGREDIENTS

### Product Description:

A photographic negative bleach containing the following principal components:

Propylenediamine tetra acetic acid, ammonium ferric complex  
Ammonium Bromide  
Acetic Acid  
Propylenediamine tetra acetic acid

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## 3) HAZARDS IDENTIFICATION

### Human Health

#### Hazards:

Not classified as hazardous.

#### Safety Hazards

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Corrosive to some metals and alloys.

May assist fire if allowed to dry in contact with combustible materials.

#### 4) **FIRST AID MEASURES**

##### **Eyes:**

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

##### **Inhalation:**

Inhalation of the product is unlikely to occur. In the event of inhalation of vapour, (acetic acid), move to fresh air. Obtain medical attention if symptoms occur.

##### **Skin Contact:**

Remove any contaminated dothing. Wash skin thoroughly with cold water then with a neutral cleanser and water. Obtain medical attention if irritation develops.

NB. Do not allow contaminated clothing to dry out - immediately rinse with water. Wash in the normal way before re-use.

##### **Ingestion:**

Rinse mouth with water and drink about 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

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#### 5) **FIRE-FIGHTING MEASURES**

Not classified as flammable. If involved in a major fire toxic gases may be produced, (NO<sub>x</sub>, ammonia, hydrogen bromide). If the water is lost by evaporation the solid residue may assist fire.

##### **Extinguishing Media:**

Suitable for the surrounding fire.

##### **Protective Equipment:**

Self-contained respiratory equipment.

## 6) ACCIDENTAL RELEASE MEASURES

### **Personal Protection:**

When dealing with spillages of concentrate or working strength solution, use the personal protection specified in Section 8. Ensure spill area is well ventilated throughout the clean up operation.

### **Environmental Precautions:**

Prevent spillages from entering drains by absorption into an inert absorbent material such as dry sand or earth and transfer to a metal container for disposal by a licensed waste contractor. DO NOT USE potentially combustible materials such as sawdust or cloth to absorb spillages - possible fire risk.

### **Cleaning Up:**

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

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## 7) HANDLING AND STORAGE

### **Handling:**

When handling product concentrates, avoid contact with eyes, skin and clothing and avoid inhaling vapour. Use in a well ventilated area. Avoid contact with the working strength solution and avoid inhaling vapour. After handling, the routine use of a neutral, (non-alkaline), hand cleanser will minimise the risk of adverse skin reaction.

### **Storage:**

Store in a dry, well ventilated area at a moderate temperature. Store away from flammable and readily combustible materials.

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## 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Acetic acid vapour may be liberated from the product and working strength solution.

UK Occupational Exposure Standards:

STEL (15 min) Acetic Acid	37mg m <sup>-3</sup>
TWA (8 hour) Acetic Acid	25mg m <sup>-3</sup>

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**Engineering Measures:**

Ensure good ventilation of the whole working area and/or local exhaust ventilation of the mixer and processor areas.

**Respiratory Protection:**

Should not be required.

**Skin Protection:**

Wear impervious gloves when handling concentrates and to prevent contact with 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 working area.

**Eye Protection:**

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

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**9) PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** A yellowish-green liquid

**Odour:** Of acetic acid

**pH:** 2.35

**Relative Density:** 1.20

**Freezing Point:** 3°C

**Flammability:** Not flammable

**Solubility  
in water:** Completely soluble

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**10) STABILITY AND REACTIVITY**

**Stability:**

Stable under recommended storage conditions.

**Materials to avoid:**

Avoid contact with flammable and combustible materials. If the product is allowed to dry in contact with combustible material a potential fire hazard may exist.

Corrosive to many metals, e.g. aluminium, zinc, nickel, copper and their alloys.

**Hazardous Decomposition Products:**

None under normal conditions of use.

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**11) TOXICOLOGICAL INFORMATION****Eye Contact:**

Likely to cause irritation.

**Skin Contact:**

May cause irritation on prolonged or repeated contact.

**Ingestion:**

Expected to be low toxicity, may cause gastro-intestinal irritation.

**Inhalation:**

Exposure to the vapour may cause transient irritation (acetic acid).

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**12) ECOLOGICAL INFORMATION**

The following summary of expected environmental effects is based on known data for the principal 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, and therefore the working strength solution, contain components which are not expected to be readily biodegradable.

Used working strength solutions may contain varying levels of silver from processing.

As a result of the above properties, precautions should be taken to prevent the release of the product or working strength solution into the environment, (see Section 13).

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### 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.

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### 14) TRANSPORT INFORMATION

Not classified as hazardous for transport by road or rail.

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### 15) REGULATORY INFORMATION

Not classified as hazardous.

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### 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, (e.g. COSHH Regulations in the UK).

#### Document History

Prepared by: DS

Revision No: 1

Revision Date: Dec 2003

Reference Sources Include: CHIP Regs 1994 and related ACOPS  
UK HSE EH40/95, Occupational Exposure Limits  
Croner's First Aid Guide  
Supplier Raw Material MSDS.

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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.**