

# SAFETY DATA SHEET

## 1) IDENTIFICATION

**Product Name:** MYDONEG PROFESSIONAL Fixer Replenisher

**Champion Product Code:** 140203

**Presentation:** Pack to make 2 x 20 litres

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

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

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

---

## 2) COMPOSITION/INFORMATION ON INGREDIENTS

### Product Description:

A photographic fixer concentrate containing ammonium thiosulphate and sodium sulphite as the principal components.

---

## 3) HAZARDS IDENTIFICATION

### Human Health Hazards:

Not classified as hazardous.

### Safety Hazards:

Contact with photographic developer may liberate irritant gas, (ammonia).  
Contact with acids may liberate harmful gases, (sulphur dioxide and hydrogen sulphide).

## **Environmental Hazards:**

Will cause short term oxygen depletion if allowed to enter the aquatic environment.

---

### **4) FIRST AID MEASURES (Parts A and B)**

#### **Eyes:**

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

#### **Inhalation:**

If inhalation of the vapour causes irritation move to fresh air. Obtain medical attention if irritation occurs.

#### **Skin Contact:**

Remove any contaminated clothing. Wash skin thoroughly with cold water then with a neutral cleanser and water. Wash clothing 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

---

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

Not classified as flammable. If involved in a major fire harmful gases could be produced (ammonia, sulphur dioxide, hydrogen sulphide).

#### **Extinguishing Media:**

Suitable for the surrounding fire.

#### **Protective Equipment:**

Self-contained respiratory equipment.

---

## **6) ACCIDENTAL RELEASE MEASURES**

### **Personal Protection:**

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

### **Environmental Precautions:**

Prevent 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.

### **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**

Traces of ammonia may be liberated for the product and during preparation of the working strength solution.

UK Occupational Exposure Standards:

STEL (15 min) Ammonia 24mg m<sup>-3</sup>

### **Engineering Measures:**

Ensure good ventilation of the whole working area.

---

**Respiratory Protection:**

Should not be required.

**Skin Protection:**

Wear impervious gloves when handling the product. The routine use of a neutral, (non-alkaline) hand cleanser is recommended.

**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**

<b>Appearance:</b>	Colourless liquid
<b>Odour:</b>	Slightly of Ammonia
<b>pH:</b>	7.75
<b>Relative Density:</b>	1.375
<b>Freezing Point:</b>	<0°C
<b>Flammability:</b>	Not flammable
<b>Solubility in water:</b>	Completely soluble

---

**10) STABILITY AND REACTIVITY****Stability:**

Stable under recommended storage conditions.

**Materials to avoid:**

Avoid contact with strong acids and oxidising agents.

Avoid contact with photographic developer, (ammonia will be liberated).

**Hazardous Decomposition Products:**

None under normal conditions of use.

---

## 11) TOXICOLOGICAL INFORMATION

### **Eye Contact:**

Irritation due to the presence of traces of free ammonia.

### **Skin Contact:**

Prolonged or repeated contact may cause irritation.

### **Ingestion:**

May cause irritation of the gastro-intestinal tract. Possible nausea and vomiting.

### **Inhalation:**

May cause irritation or temporary breathing difficulties due to the presence of traces of ammonia.

---

## 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.

A moderate to high bio-chemical oxygen demand will result in short term oxygen depletion in the aquatic environment.

These harmful effects are likely to be rapidly reduced by the effects of dilution and oxidation.

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

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

---

## 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 drains, sewers, or waterways. Silver will be present at appreciable levels in used working strength solution and should be recovered before final disposal.

---

**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 or treat as solid waste.

---

**14) TRANSPORT INFORMATION**

Not classified as hazardous for transport purposes.

Not restricted.

---

**15) REGULATORY INFORMATION**

Not classified as hazardous.

---

**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: DS

Revision No: 0

Revision Date: 05/04/95

Reference Sources Include: CHIP Regs 1994 and related ACOPs.

UK HSE EH40/95, Occupational Exposure Limits

Croner's First Aid Guide

Raw Material MSDS

**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.**

**Date of Issue:** 05/04/95