

# SAFETY DATA SHEET

## 1) IDENTIFICATION

**Product Name:** MYDOPRINT RA Rinse and Replenisher

**Champion Product Code:** 141008

**Presentation:** 150ml and 1.5 litre bottles to prepare respectively 10 and 100 litres of working solution.

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

**Emergency Telephone No:** + 44 (0) 1277 263646 (Technical Services)

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

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## 2) COMPOSITION/INFORMATION ON INGREDIENTS

### Product Description:

A photographic print rinse concentrate containing the following components contributing to hazard:

	CAS NO	%w/w
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	<0.5
2-Methyl-4-isothiazoline-3-one	2682-20-4	<0.1

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## 3) HAZARDS IDENTIFICATION (Concentrate)

Irritant: Irritating to the skin, likely to be severely irritant or corrosive to eyes and mucous membrane.  
Harmful if swallowed.  
Expected to be harmful to aquatic plant and animal life if allowed to enter water courses.

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#### 4) **FIRST AID MEASURES (Concentrate)**

- Eyes:** Flush immediately with eye wash solution or clean water for at least 15 minutes, holding the eyelids apart. Obtain immediate medical attention.
- Inhalation:** Inhalation of the product is unlikely to occur. In the event of inhalation move to fresh air and obtain medical attention.
- Skin Contact:** Remove any contaminated clothing. Wash skin with cold water then thoroughly with soap and water. Thoroughly wash contaminated clothing before re-use. Obtain medical attention of irritation develops.
- Ingestion:** Rinse mouth with water and drink about 2 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 (water based). If involved in a major fire, toxic gases, (Hydrogen Chloride, NO<sub>x</sub> and Oxides of Sulphur), could be produced.

- Extinguishing Media:** Suitable for the surrounding fire.
- Protective Equipment:** Self-contained respiratory equipment.
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#### 6) **ACCIDENTAL RELEASE MEASURES**

- Personal Protection:** When dealing with spillages use personal protection as specified in Section 8. Ensure spill area is well ventilated.
- Environmental Precautions:** Prevent spillage for entering drains by absorption into inert absorbent material, (eg dry sand or earth), and neutralise with a 10% solution of sodium bisulphite if possible. Transfer to a container for disposal by a licensed waste contractor.
- Cleaning Up:** Decontaminate spill area with 10% sodium bisulphite solution and thoroughly wash to drain with water.
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## 7) HANDLING AND STORAGE

The following brief guidelines refer primarily to the concentrate, although unnecessary contact with the working strength solution, (and all photographic processing solution) should be avoided. The routine use of a neutral hand cleanser will help prevent adverse skin reaction.

**Handling:** Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using. Ensure adequate ventilation of the working area. Re-cap container after use.

**Storage:** Store in a dry, well ventilated area at a moderate ambient temperature in the original container. Ensure containers are securely re-capped after use.

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## 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

**Relevant Exposure Limits:** No data.

**Engineering Measures:** Ensure good ventilation or local exhaustion of the working areas.

**Hand Protection:** Wear impervious gloves when handling concentrate.

**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:** Pale yellow liquid with a slight blue fluorescence.

**Odour:** Very slight.

**pH:** 5.0.

**Relative Density:** 1.030

**Freezing Point:** No data.

**Flammability:** Not flammable.

**Solubility in water:** Completely miscible - water based.

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## 10) STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal storage conditions.
<b>Materials and conditions to avoid:</b>	None specific.
<b>Hazardous Decomposition Products:</b>	No hazardous polymerisation will occur. No other data.

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## 11) TOXICOLOGICAL INFORMATION (Concentrate)

<b>Eye Contact:</b>	Severe irritation or corrosion - risk of permanent eye injury.
<b>Skin Contact:</b>	Irritation of the skin - possibly delayed for some hours.
<b>Ingestion:</b>	Harmful if swallowed - may cause burns to the gastro-intestinal tract.
<b>Inhalation:</b>	Irritation of the nose of throat.

**NOTE:** The high rate of dilution required to produce working strength solution means that the working solution is not expected to produce the toxicological effects which are detailed above for the concentrate.

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## 12) ECOLOGICAL INFORMATION

This preparation has not been assessed for environmental effects and the following summary is based on data for the principal components.

The preparation has a low biochemical oxygen demand and will cause little oxygen depletion in water courses.

The presence of a biocide is expected to produce a moderate potential to adversely affect aquatic organisms and the microbial metabolism of secondary waste treatment processes.

Because of the above properties precautions should be taken to avoid direct release of either the concentrate or working strength solution into the environment. (See Section 13).

### 13) DISPOSAL CONSIDERATIONS

#### Surplus Product and Working Strength Solution

Surplus concentrate should be disposed of only in accordance with current local and national legislation and only by a licensed waste contractor. Used working strength solution can effectively be neutralised by mixing with used photographic fixer before silver recovery and/or disposal. Do not dispose of either concentrate or working strength solution into drains or sewers.

#### Plastic Containers

Rinse concentrate containers thoroughly with water and add rinsings to working tank solution. Dispose as solid waste to land fill or re-cycle where possible.

#### Cardboard Cartons

Recycle where possible or treat as solid waste.

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### 14) TRANSPORT INFORMATION

No information at present.

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### 15) REGULATORY INFORMATION

<b>Hazard Symbol:</b>	Xi	IRRITANT
<b>Risk Phrases:</b>	R36/38	Irritating to eyes and skin.
<b>Safety Phrases:</b>	S2	Keep out of reach of children
	S24/25	Avoid contact with skin or eyes.

## 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:

SDS prepared : DS  
Revision No: 1  
Revision Date: 19/07/95  
Reference Sources  
    Include: Raw Material Supplier's Safety Data Sheets  
            Champion formulation reports  
            CHIP Regs 1994 and related ACOPs.

**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:** 19/07/95