

Infosafe No. 1AG3M Issue Date : November 2004 ISSUED by AGFAPHOT

Product Name : **MSC101 FILM CD REPLENISHER (Working solution)**

Not classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name AgfaPhoto Australia Pty Ltd (ABN 27 110 874 738)
Address 301 Burwood Highway
Burwood Vic 3125 Australia
Emergency Tel. 1800 638 556 (24h)
Tel/Fax Tel: (03) 8808 4000 Fax: (03) 8808 4518
Other Information New Zealand:
AgfaPhoto New Zealand Ltd
3 Argus Place
Glenfield, Auckland
Tel: 09 443 5500
Emergency Tel: 0800 154 666 (24h)
International Emergency Tel: 0061 410 606 944

IDENTIFICATION

Product Name MSC101 FILM CD REPLENISHER (Working solution)
Proper Shipping Name None Allocated
Other Names Name Product Code
MSC101 FILM CD REPLENISHER 4 x 5L B8KUR
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Poisons Schedule S6
Product Use Photographic film developer. Working solution. Mixture of parts A, B and C.

Physical Data

Appearance Colourless to yellowish liquid.
Melting Point <0°C
Boiling Point >100°C
Vapour Pressure 2.300 Pa at 20°C
Specific Gravity 1.037
Flash Point Not applicable.
Flamm. Limit LEL Not applicable.
Flamm. Limit UEL Not applicable.
Solubility in Water Miscible at all ratios.

Other Properties

Autoignition Temp. Not available.
pH Value 10.30
Odour Odourless.
Form Liquid

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Ingredients

Ingredients	Name	CAS	Proportion
	Potassium carbonate	584-08-7	1-5 %
	p-Phenylenediamine derivative (ACD 4)	25646-77-9	0.5-1 %
	Hydroxylammonium sulfate	10039-54-0	0.1-0.5 %
	Water	7732-18-5	To 100%

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	May cause mild irritation to the mouth, throat and stomach.
Acute - Eye	May cause mild irritation or discomfort to the eyes.
Acute - Skin	May cause irritation to the skin. Dermatitis possible.
Acute - Inhaled	Not likely to cause adverse effects from inhalation.
Chronic	Not expected to cause chronic health effects.

First Aid

Swallowed	If swallowed, do not induce vomiting. Rinse the mouth and throat with water and seek medical attention.
Eye	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If symptoms persist, see a doctor.
Inhaled	Not likely to cause adverse effects from inhalation.
First Aid Facilities	Washroom and eyewash facilities should be available.

Advice to Doctor

Advice to Doctor	Treat according to symptoms.
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Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	None allocated.
Eng. Controls	Although no adverse effects are expected from inhalation, it is good policy to use the product in a well ventilated area. Ventilation is recommended in the workplace at a rate of at least 10 room air changes per hour.

Personal Protection

Eye Protection	Avoid contact with the eyes. Where splashing is possible, wear splash proof safety goggles.
Glove Type	Avoid contact with the skin. Wear gloves of impervious material such as nitrile.

Flammability

Fire Hazards	Not combustible. Aqueous solution.
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SAFE HANDLING INFORMATION

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Storage and Transport

Storage Precautions Keep the container tightly closed. Protect from direct sunlight.

Proper Shipping Name None Allocated

Spills and Disposal

Spills & Disposal Wear personal protective equipment as described under 'Precautions for Use'.
 Large Spills - Apply inert absorbent material such as sand or vermiculite to contain and soak up the spill. Avoid breathing vapours. Collect waste into a suitable container for disposal. Seal and label the container. Wash away residue with water or wipe up with a cloth.
 Small Spills - Wash away with water or wipe up with a cloth.
 Clean contaminated surfaces. Isolate and contain ruptured containers to prevent further spillage. Waste spillage should be disposed of in accordance with local regulations.

Disposal Used or unwanted product may be disposed of by discharge to the sewerage system with the approval of the local water authority or through collection by a licensed waste disposal company for treatment and disposal in accordance with local regulations.

Fire/Explosion Hazard

Hazardous Decomposition or Byproducts When heated to high temperatures, the product does not produce any known hazardous decomposition products.

Extinguishing Media Use extinguishing measures appropriate to local circumstances and surrounding environment.

Hazchem Code None Allocated

OTHER INFORMATION

Toxicology

Hydroxylammonium sulfate	- Acute oral LD50 (rat) 642mg/kg
p-Phenylenediamine derivative	- Acute oral LD50 (rat) 58mg/kg
Potassium carbonate	- Acute oral LD50 (rat) >2000mg/kg

Information on Ecological Effects Hydroxylammonium sulfate:
 Aquatic toxicity - 7.20mg/L (pimephales promelas, fathead minnow) 96h

Risk Statement None allocated.

Hazard Category None allocated.

CONTACT POINT

Contact Hazardous Goods Controller
 Tel: (03) 8808 4000
 The information contained herein is based on our current knowledge and experience and is intended to describe the product in terms of its safety requirements. The information does not signify any warranty, expressed or implied with regard to the properties of the product.
 ...End Of MSDS...