

Material Safety Data Sheet
According to 91/155 EEC

Printing date 11.05.2006

Reviewed on 10.04.2006

Hazardous according to criteria of Worksafe Australia

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Trade name:** MSC 101 Film SB-R f.20x5 L, ready to use

· **Article number:** 5LQET

· **Application of the substance / the preparation** Photographic stabilizer solution

· **Manufacturer/Supplier:**

a&o imaging solutions GmbH
Chemische Fabrik Vaihingen/Enz (former AGFA / AgfaPhoto)
Steinbeisstrasse 49
D-71665 Vaihingen/Enz
Germany

distributed by :

Photo Direct P/L
Suite 2, 358 Whitehorse Rd
Nunawading Vic 3131
Australia

Phone: + 61 3 9894 1644

Fax: + 61 3 9894 1677

· **Further information obtainable from:**

Productmanagement, Tel.: + 49 7042 913-41, Fax: + 49 7042 913-18

· **Information in case of emergency:**

Australia / New Zealand :

The Australian Centre for Occupational Health & Safety (ACOHS Pty Ltd)
6 Burleigh Court, Nunawading, VIC 3131
Phone : 1800 638 556 (24 hours, 7 days a week)

2 Composition/information on ingredients

· **Chemical characterization:**

· **CAS No. Description**

7732-18-5 water, distilled, conductivity or of similar purity

· **Identification number(s)**

· **EINECS Number:** 231-791-2

· **Chemical characterization**

· **Dangerous components:**

Isothiazolinone

0.048%

3 Hazards identification

· **Hazard description:**



Irritant

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- **Information concerning particular hazards for human and environment:**
May cause sensitisation by skin contact.

4 First aid measures

- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing

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Wash hands before breaks and at the end of work.

- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling

9 Physical and chemical properties

· General Information

Form:	Fluid
Colour:	Colourless
Odour:	Odourless

· Change in condition

Melting point/Melting range:	0°C (32°F)
Boiling point/Boiling range:	100°C (212°F)

· **Flash point:** Not applicable.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapour pressure at 20°C (68°F):** 23 hPa (17 mm Hg)

· **Density at 20°C (68°F):** 1 g/cm³

· **Solubility in / Miscibility with water:**

Fully miscible.

· **pH-value at 20°C (68°F):** 3.3

· Viscosity:

Kinematic at 20°C (68°F):	11 s (DIN 53211/4)
Organic solvents:	0.0 %
Water:	99.6 %

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· **Solids content:** 0.4 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

12 Ecological information

- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

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AUS

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- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulatory information

- **Australian Inventory of Chemical Substances**

7732-18-5	water, distilled, conductivity or of similar purity
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- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**

Irritant

- **Risk phrases:**

May cause sensitisation by skin contact.

- **Safety phrases:**

Avoid contact with skin.

Wear suitable gloves.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Productmanagement department

- **Contact:** Mr. Vollhofer, a&o imaging solutions, Tel.: + 49 7042 913-43