

**Material Safety Data Sheet**  
According to 91/155 EEC

Printing date 11.05.2006

Reviewed on 17.03.2006

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

· **Article number:** 5LQET

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

· **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:**  
CO<sub>2</sub>, 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

<b>Form:</b>	Fluid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Odourless

#### · Change in condition

<b>Melting point/Melting range:</b>	0°C (32°F)
<b>Boiling point/Boiling range:</b>	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/cm<sup>3</sup>

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

Fully miscible.

· **pH-value at 20°C (68°F):** 3.3

#### · Viscosity:

<b>Kinematic at 20°C (68°F):</b>	11 s (DIN 53211/4)
<b>Organic solvents:</b>	0.0 %
<b>Water:</b>	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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69011-36-5	Marlipal O 13/120
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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.*

- *National regulations:*

Class	Share in %
Wasser	98.5
I	0.2

**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*