



CITIFLUOR UVM-1

1. Identification of the Preparation and the Company/Undertaking

Product name Citifluor UVM-1
 Chemical identification Methacrylate mixture
 Use Fluorescence microscopy mounting solution

Manufacturer & supplier Citifluor Limited, 18 Enfield Cloisters, Fanshaw Street,
 London, N1 6LD, UK
 Phone +44 (0)207 739 6561
 Fax +44 (0)207 729 2936
 E-mail davidson@citifluor.co.uk
 Emergency phone +44 (0)207 739 6561 (not 24 hour)

2. Composition/Information on Ingredients

Substances presenting a health or environmental hazard

EC Number	CAS Number	Chemical name	Content	Symbol(s)	Risk phrase(s)
Registered	Commercial secret	Crosslinker	5-15%	Xi Irritant	R37-43
Registered	Commercial secret	Methacrylate monomer 1	35-50%	Xi Irritant	R36/38-43
Registered	Commercial secret	Methacrylate monomer 2	35-50%	Xi Irritant	R36/37/38
Registered	Commercial secret	Photoinitiator	0-5%	Xn Harmful N Dangerous for the environment	R62-51/53

3. Hazards Identification

Possible risk of impaired fertility
 Irritating to eyes, respiratory system and skin.
 May cause sensitisation to the skin
 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. First Aid Measures

Skin contact

Remove any contaminated clothing and wash the infected area with plenty of water and soap. SEEK MEDICAL ADVICE if irritation persists.

Eye contact

Irrigate the eyes with copious amounts of water (holding the eyelids open with the fingers if necessary). SEEK MEDICAL ADVICE if irritation persists.

Ingestion

Give plenty of water provided they are conscious. Rinse mouth with copious amounts of water. DO NOT induce vomiting. SEEK MEDICAL ADVICE.

Inhalation

Remove to fresh air. If breathing becomes difficult. SEEK MEDICAL ADVICE.

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5. Fire Fighting Measures

Flash point >60°C

In the event of fire, suitable extinguishing media: water, foam, dry powder or carbon dioxide.

Hazardous combustion products include: Oxides of carbon.

6. Accidental Release Measures

Small quantities may be wiped up using an absorbent cloth or paper and rinsed away in running water. Larger quantities may be mixed with sand, or similar inert material, swept up and disposed of as non-hazardous waste.

7. Handling and Storage

For professional use only

Handling

This product should be handled by, or under close supervision of those properly qualified in the use of potentially hazardous chemicals and who should take into account the fire, health and chemical hazards reported on this sheet.

Storage

Store in well sealed bottle away from direct sunlight.

8. Exposure Controls/Personal Protection

Exposure limit(s)

No components of this mixture are listed in EH40/2005.

Technical measures/precautions

Use in a well-ventilated environment.

Respiratory protection

Not required

Hand protection

Chemically resistant gloves recommended that must comply with the specifications of Directive 89/686/EC and the resultant standard EN374.

Recommended material	Nitrile
Minimum thickness	0.11mm
Breakthrough time	>480 minutes

Eye protection

Safety spectacles.

Skin protection

Working clothes. Closed footwear.

9. Physical and Chemical Properties

Appearance Clear, colourless liquid

Odour Acrylic

10. Stability and Reactivity

Conditions to avoid High temperatures. Humidity. Strong light.

Materials to avoid Oxidising agents. Reducing agents. Strong acids. Strong bases.

11. Toxicological Information

Acute oral toxicity Not tested

Acute dermal toxicity Not tested

Acute inhalation toxicity Not tested

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Acute dermal irritation/corrosion Expected to be irritating to the skin.
Acute eye irritation/corrosion Expected to be irritating to the eyes.

Acute skin sensitisation May cause skin sensitisation in susceptible individuals.

Further information High doses of the photoinitiator have been reported to cause effects in the testes and sperm in rats.

12. Ecological Information

Acute toxicity to fish Not tested
Acute toxicity to daphnia Not tested
Acute toxicity to algae Not tested
Biodegradability Expected to be not readily biodegradable according to OECD criteria
Bioconcentration factor Not tested

Remarks May cause long-term adverse effects in the aquatic environment.

13. Disposal Considerations

Dispose of as special waste in accordance with local, regional and/or national guidelines.

14. Transport Information

RID/ADR Non-hazardous for rail/road transport.
IMDG Non-hazardous for sea transport.
IATA Non-hazardous for air transport.

15. Regulatory Information

Labelling in accordance with EC-Directives

This product is not tested and the evaluation was performed using the EC calculation procedure.

Xn Harmful

Risk phrase(s)	R62	Possible risk of impaired fertility
	R36/37/38	Irritating to eyes, respiratory system and skin
	R43	May cause sensitisation by skin contact
	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Safety phrase(s)	S24	Avoid contact with the skin
	S36	Wear suitable protective clothing

16. Other Information

R-phrases from section 2

R36/38 Irritating to eyes and skin
R37 Irritating to respiratory system
R36/37/38 Irritating to eyes, respiratory system and skin
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

To the best of our knowledge the information contained on this data sheet is believed to be correct at the date of its publication and is for guidance only. Citifluor Limited shall not be liable for any loss, injury or damage from the handling or contact with this product. This product is not for use by the general public or in food, drug or cosmetics and is for laboratory use only. As far as practicable any revisions

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will be sent to all customers to whom we have supplied directly but it is the responsibility of any intermediary to pass on such information to the ultimate user.

Prepared for Citifluor Limited on June 4th, 2008

Authorised version 1