

SAFETY DATA SHEET
ACCORDING TO REGULATION EC 1907/2006
CITIFLUOR AF200 SOLUTION



1. Identification of the Substance/Preparation and the Company/Undertaking

Product name Citifluor AF200 Solution
Chemical identification A glycerol-based antioxidant solution
Use Fluorescence microscopy mounting solution

Manufacturer & supplier Citifluor Limited, 18 Enfield Cloisters, Fanshaw Street, London, N1 6LD, UK

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2. Hazards Identification

May cause sensitization by skin contact

3. Composition/Information on Ingredients

Substances presenting a health or environmental hazard

EC Number	CAS Number	Chemical name	Content	Hazard symbol(s)	Risk phrase(s)
Registered	Commercial secret	Antioxidant	0-10%	Xn Harmful	R22-43
200-289-5	56-81-5	Glycerol	90-100%	None	-

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 and **SEEK MEDICAL ADVICE**.

Inhalation

If breathing becomes difficult, remove to fresh air. **SEEK MEDICAL ADVICE**.

5. Fire Fighting Measures

Flash point >100°C

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

Hazardous combustion products include: Oxides of carbon. Oxides of nitrogen

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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 nonhazardous 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)

Substance	CAS number	Workplace exposure limit				Comments and source
		Long-term (8-hour TWA)		Short-term (15-minute TWA)		
		ppm	mg.m ⁻³	ppm	mg.m ⁻³	
Glycerol	56-81-5	-	10	-	30	Mist EH40/2005

Technical measures/precautions

Use in a well-ventilated environment.

Respiratory protection

Not required

Hand protection

Wear suitable protective gloves

Eye protection

Not required

Skin protection

Long sleeves.

9. Physical and Chemical Properties

Appearance Clear, colourless liquid

Aqueous solubility Completely miscible

10. Stability and Reactivity

Conditions to avoid High temperatures. Humidity. Strong light.

Materials to avoid Strong acids

11. Toxicological Information

Acute oral toxicity Not tested

Acute dermal toxicity Not tested

Acute inhalation toxicity Not tested

Acute dermal irritation/corrosion Non-irritant

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Acute eye irritation/corrosion Non-irritant

Acute skin sensitization May cause sensitization in susceptible individuals

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 readily biodegradable according to OECD criteria

Bioconcentration factor Not tested

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 Directive 91/155/EEC

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

Hazard symbol(s) Xi Irritant

Risk phrase(s) R43 May cause sensitization by skin contact

Safety phrase(s) S28 After contact with skin, wash immediately with plenty of water and soap

16. Other Information

R-phrases from section 2

R22 Harmful if swallowed

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 and professional use only. As far as practicable any revisions 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 17th, 2008

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