

2XRS6



# Safety Data Sheet

EN

Printed : 2002-11-04 Page : 001/004

Product name.....: G671c  
MSDS.....: 000647/05  
Previous MSDS.....: 000647/04

Validation date.....: 2002-10-30  
Date of previous issue.: 2002-02-12

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

Product name.....: G671c

Use of the substance/preparation:

Concentrated fountain solution

Company/undertaking:

Agfa-Gevaert Ltd  
27 Great West Road  
Brentford, MiddX. TW8 9AX  
Telephone No : 020 8231 4906  
Emergency Telephone No:0113 251 4000

## 2. Composition/information on ingredients

The hazard and labelling information in this Section is that of the individual ingredients. The corresponding information relative to this product as supplied is given in Section 15. Full text of each relevant R-phrase is listed in Section 16.

Concentrated fountain solution, consisting mainly of:

- 2-Methyl-2,4-pentanediol 10.0 - 20.0 % by weight
- CAS-number.....: 107-41-5
- EC-number.....: 603-053-00-3
- EINECS/ELINCS-number....: 203-489-0
- Danger symbols.....: Xi
- EC R-sentences.....: R36/38
- Glycerine 40.0 - 60.0 % by weight
- Water 30.0 - 40.0 % by weight
- Silica 1.0 - 5.0 % by weight
- Sodium citrate 1.0 - 5.0 % by weight

## 3. Hazards identification

\* EC-classification:

Danger symbols.....: Xi Irritant  
EC R-sentences.....: R36/38 Irritating to eyes and skin.

## 4. First aid measures

Skin contact: Wash immediately with plenty of water and soap. If symptoms persist, seek medical advice.

Eye contact: Rinse with plenty of water. Seek medical attention.

Ingestion: Rinse mouth with plenty of water. Seek medical advice.

Inhalation: Take person to fresh air. If necessary, seek medical advice.



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## 5. Fire-fighting measures

Not relevant (product is not combustible).

## 6. Accidental release measures

Personal protection measures: see Section 8.

Dike the spill if necessary. Soak up with absorbent material. Collect large spills into a properly labelled and sealable container. Wash away residues with plenty of water. Prevent release into the drain, soil or surface water.

For waste disposal see Section 13.

## 7. Handling and storage

Keep container tightly closed. Protect from direct sunlight. No special protective measures against fire and explosion required. Store away from oxidizing agents.

## 8. Exposure controls/personal protection

\* Exposure limit values:

- 2-Methyl-2,4-pentanediol

TLV - TWA values.....: 25.000 ppm 123.000 mg/m3

\* Exposure controls:

Ventilation should be sufficient so that applicable occupational exposure limits are not exceeded. Observe normal precautions when handling chemicals. Avoid inhaling vapour. Keep away from foodstuffs, drinks and tobacco.

Hand protection: Gloves resistant to chemicals (e.g. made of neoprene, rubber or vinyl).

Eye protection: Safety goggles.

## 9. Physical and chemical properties

Form: Liquid  
Colour: Light yellow  
Odour: Nearly odourless

Miscible with water at all ratios.  
Non-combustible (aqueous solution).

Density ( 20 °C ).....: 1.1410  
Melting point.....: < 0 °C  
Boiling point.....: > 100 °C  
Vapour pressure.....: not available  
pH value ( 25 °C ).....: 5.60  
Part. coeff. oct./water: not available  
Auto ignition temp.....: not applicable  
Flash point OC.....: not applicable  
Flash point CC.....: not applicable  
Explosion limit LEL.....: not applicable  
Explosion limit UEL.....: not applicable



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## 10. Stability and reactivity

### Stability:

The product is stable under normal conditions of storage and use.

### Conditions and materials to avoid:

Avoid contact with oxidizing agents. Remove all chemicals and rinse the processing tanks thoroughly with water before using any cleansing products.

### Hazardous decomposition products:

None

## 11. Toxicological information

EC R-sentences.....: R36/38 Irritating to eyes and skin.

Hazard labelling of this preparation: see Section 15.

Toxicologic data specific for individual ingredients in their pure state:

- 2-Methyl-2,4-pentanediol

LD50 oral rat

3,700 mg/kg

LD50 dermal rabbit

7,875 mg/kg

## 12. Ecological information

BOD 5.....: not available

COD.....: not available

Total dissolved subst...: not available

pH value ( 25 °C ).....: 5.60

Pending the development of criteria for evaluating impact of a chemical preparation, ecological information referring to the most important individual ingredients present in this preparation is given here merely as an indication. The effective environmental impact of this preparation should of course be assessed taking into account the actual concentration of each individual ingredient in this preparation.

This preparation does not contain any ingredient that is classified as hazardous to the environment according to European Directives.

- 2-Methyl-2,4-pentanediol

Aquatic toxicity.....: > 100.00 mg/l/ 96h Pimephales promelas(fath.min.)

## 13. Disposal considerations

Environmental regulations, discharge of chemicals and washwater, waste treatment and disposal conditions of chemicals and their packaging may vary from one country to another. The relevant local regulations should be consulted. May be discharged to drain if local regulations permit.

When this product or its contaminated packaging has to be removed as waste, contact an authorized waste contractor. For waste resulting from this product, it is recommended to use European Waste Code 07 03 04 (other organic solvents, washing liquids and mother liquors).



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## 14. Transport information

- Transport information: ADR, ADNR, RID  
Not restricted.
- Transport information: IMO/ IMDG  
Not restricted.
- Transport information: ICAO /IATA cargo aircraft only  
Not restricted.
- Transport information: ICAO /IATA passenger and cargo aircraft  
Not restricted.

## 15. Regulatory information

Labelling.....: Contains 2-methyl-2,4-pentanediol  
Danger symbols.....: Xi Irritant  
EC R-sentences.....: R36/38 Irritating to eyes and skin.  
EC S-sentences.....: -

## 16. Other information

The information disclosed in this Safety Data Sheet is believed to be correct to the best of our current knowledge and experience. It only relates to the specific product designated herein and it may not be valid when said product is used in combination with any other material or in any process, unless specified in the text. This document aims to provide the necessary health and safety information of the product and is not to be considered a warranty or quality specification. It is the responsibility of the user to comply with local legislation relating to safety, health, environment and waste management.

This Safety Data Sheet is compiled in accordance with European Directives.

Section(s) changed compared to the previous issue: 1, 2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 15

### Full text of relevant R-phrases:

R36/38 Irritating to eyes and skin.