

R8MED

SAFETY DATA SHEET

according to EC directive 93/112/EC

AZURA WG100**AGFA** 

SUBID:000000011503

Version 9

Print Date 26/01/05

Revision Date 14.09.2004

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product Information**

Product name : AZURA WG100
 Use of the : Wash gum solution
 Substance/Preparation

Company/Undertaking Identification

Agfa-Gevaert Ltd.
 27 Great West Road
 TW8 9AX Brentford, Middlesex
 United Kingdom
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Emergency telephone number (Belgium) : +32 3 4443333

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.

Wash gum solution, mainly consisting of:

Hazardous components

- | | |
|--|-------------------------------|
| <ul style="list-style-type: none"> • Benzenesulphonic acid, decyl(sulphophenoxy)-, disodium salt | Concentration [%] : 2.5 - 5.0 |
| <ul style="list-style-type: none"> CAS-No. : 36445-71-3 EINECS-No. : 253-040-8 Symbol(s) : Xi, N R-phrase(s) : R36, R51/53 | |
| <ul style="list-style-type: none"> • Citric acid | Concentration [%] : 0.5 - 1.0 |
| <ul style="list-style-type: none"> CAS-No. : 77-92-9 EINECS-No. : 201-069-1 Symbol(s) : Xi R-phrase(s) : R36 | |
| <ul style="list-style-type: none"> • Benzenesulphonic acid, oxybis[decyl-, disodium salt | Concentration [%] : 0.5 - 1.0 |
| <ul style="list-style-type: none"> CAS-No. : 70146-13-3 EINECS-No. : 274-342-6 Symbol(s) : Xi, N R-phrase(s) : R36, R51/53 | |

Other

- | | |
|-------------------|----------------------------------|
| • Water | Concentration [%] : 80.0 - 100.0 |
| • Sodium citrate | Concentration [%] : 1.0 - 5.0 |
| • Sodium chloride | Concentration [%] : 0.5 - 1.0 |

3. HAZARDS IDENTIFICATION

EC-classification:

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R-phrases : R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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. If necessary, seek medical advice.
Ingestion : Rinse mouth with plenty of water. Seek medical advice.
Inhalation : Not relevant.

5. FIRE-FIGHTING MEASURES

Further information : Product is not combustible.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : See section 8.
Environmental precautions : For waste disposal see section 13.
Methods for cleaning up : Dike the spill if necessary. Soak up with absorbent material. Collect large spills into a properly labelled and sealable container. Prevent release into the drain, soil or surface water.
Additional advice : Wash away residues with plenty of water.

7. HANDLING AND STORAGE

Handling

Advice on protection against fire and explosion : No special protective measures against fire and explosion required.

Storage

Requirements for storage areas and containers : Keep container tightly closed. Protect from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls

Engineering measures : Ventilation should be sufficient so that any applicable occupational exposure limits are not exceeded.
Hand protection : Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials: butyl rubber (thickness \geq 0.36 mm, breakthrough time $>$ 480 min), nitrile rubber (thickness \geq 0.38 mm, breakthrough time $>$ 480 min) or neoprene (thickness \geq 0.65 mm, breakthrough time $>$ 240 min). For intermittent splash protection corresponding gloves with

Eye protection
Hygiene measures

breakthrough times > 60 min can be used. Avoid gloves made of: natural latex.

: Safety glasses.

: Observe normal precautions when handling chemicals. Keep away from foodstuffs, drinks and tobacco.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : Liquid
Colour : Colourless
Odour : Nearly odourless

Safety data

pH (25 °C) : 5.0
Melting point/range : < 0 °C
Boiling point/range : > 100 °C
Lower explosion limit : Not applicable
Upper explosion limit : Not applicable
Vapour pressure : 23.00 hPa at 20 °C
Relative density (20 °C) : 1.035
Solubility/qualitative : Miscible with water at all ratios.
Relative vapour density : Not applicable

10. STABILITY AND REACTIVITY

Stability : The product is stable under normal conditions of storage and use.
Hazardous decomposition products : None

11. TOXICOLOGICAL INFORMATION

R-phrases(s) : R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Toxicity data specific for individual ingredients in their pure state:

Acute oral toxicity

• Citric acid : LD50 rat 3,000 mg/kg

Acute dermal toxicity

• Citric acid : LD50 rabbit 5,500 mg/kg

Other information

Hazard labelling of this preparation: see section 15.

12. ECOLOGICAL INFORMATION

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Ecotoxicity effects

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.

Toxicity to daphnia

- Citric acid : Species: Daphnia magna (water flea)
Dose: 1,535.00 mg/l/ 48 h

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. When this product or its contaminated packaging has to be removed as waste, contact an authorized waste contractor. May be discharged to drain if local regulations permit.

For waste resulting from this product, it is recommended to use European Waste Code : 08 03 08 (aqueous liquid waste containing ink).

14. TRANSPORT INFORMATION

Further Information

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

R-phrase(s) : R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16. OTHER INFORMATION

Section(s) changed compared to the previous issue: 1, 2, 3, 9, 11, 13, 15

Further information

Full text of R-phrases referred to under Sections 2 and 3:

R36 Irritating to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This Safety Data Sheet is compiled in accordance with European Directives and corresponding national legislation.

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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.