

Product name.....: G4500C, PART A  
 MSDS.....: 008758/03  
 Previous MSDS.....: 008758/02

Validation date.....: 2002-02-28  
 Date of previous issue.: 1999-07-05

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

Product name.....: G4500C, PART A

Company: Agfa-Gevaert Ltd  
 27 Great West Road  
 Brentford, MiddX. TW8 9AX  
 Tel: 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.

Cleansing product for developing machines, mainly consisting of:

- EDTA-sodium salt 1.0 - 5.0 % by weight  
 CAS-number.....: 64-02-8  
 Danger symbols.....: Xn  
 EC R-sentences.....: R22 R36 R52/53
- Water 40.0 - 60.0 % by weight
- Ammonium thiosulphate 20.0 - 30.0 % by weight
- Sodium acetate 5.0 - 10.0 % by weight
- Sodium sulphite 5.0 - 10.0 % by weight

**3. Hazards identification**

EC R-sentences.....: -

This preparation does not meet any of the criteria for classification as dangerous as defined by EC Directives.

**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: 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

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 strong acids and strong oxidizing agents (e.g. sodium hypochlorite).

8. Exposure controls/personal protection

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 glasses.

9. Physical and chemical properties

Form: Liquid
Colour: Colourless
Odour: Slight smell of acetic acid

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

Density ( 20 °C ).....: 1.2250
Melting point.....: < 0 °C
Boiling point.....: > 100 °C
Vapour pressure.....: not available
pH value ( 25 °C ).....: 4.70
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

10. Stability and reactivity

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

Conditions and materials to avoid:
Avoid contact with strong acids and strong oxidizing agents (e.g. sodiumhypochlorite). Remove all chemicals and rinse the processing tanks thoroughly with water before using any cleansing products.



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Hazardous decomposition products:  
None

## 11. Toxicological information

EC R-sentences.....: -

In normal conditions of use, sulphur dioxide may be set free in concentrations well below the threshold limit value (TLV) of 2 ppm. Asthmatic individuals, however, may possibly be sensitive to concentrations as low as 0.1 ppm.

Toxicologic data specific for individual ingredients in their pure state:

- EDTA-sodium salt

LD50 oral rat > 1,000 mg/kg

## 12. Ecological information

BOD 5.....: not available  
COD.....: not available  
Total dissolved subst...: not available  
pH value ( 25 °C ).....: 4.70

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.

- EDTA-sodium salt

Aquatic toxicity.....: 540.00 mg/l/ 96h Lepomis macrochirus(bluegill.)

## 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 09 01 99 (wastes not otherwise specified).

## 14. Transport information

- Transport information: ADR, ADNR, RID

Not restricted.

- Transport information: IMO/ IMDG

Not restricted.



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- Transport information: ICAO /IATA cargo aircraft only  
Not restricted.
- Transport information: ICAO /IATA passenger and cargo aircraft  
Not restricted.

**15. Regulatory information**

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Labelling.....: -  
Danger symbols.....: -  
EC R-sentences.....: -  
EC S-sentences.....: -

This product is not to be labelled as a dangerous substance or preparation as defined by EC Directives.

**16. Other information**

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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.

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

Section(s) changed compared to the previous issue: 2



# Safety Data Sheet

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Product name.....: G4500C, PART B  
MSDS.....: 008759/03  
Previous MSDS.....: 008759/02

Validation date.....: 2002-02-28  
Date of previous issue.: 1999-07-05

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

Product name.....: G4500C, PART B

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

## 2. Composition/information on ingredients

This product does not contain any hazardous ingredients as defined by relevant legislation.

Cleansing product for developing machines, mainly consisting of:

- Water	60.0	-	80.0	% by weight
- Ammonium-iron-EDTA	30.0	-	40.0	% by weight
- Sodium dihydrogenphosphate	1.0	-	5.0	% by weight

## 3. Hazards identification

EC R-sentences.....: -

This preparation is not classified as dangerous as defined by EC Directives. A hazardous situation is not normally to be expected with this product when it is used by a professional following instructions for safe storage and handling.

## 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

Not relevant (product is not combustible).

## 6. Accidental release measures

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.



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## **7. Handling and storage**

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

## **8. Exposure controls/personal protection**

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

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

## **9. Physical and chemical properties**

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Form: Liquid  
Colour: Red to brown  
Odour: Nearly odourless

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

Density ( 20 °C ).....: 1.2270  
Melting point.....: < 0 °C  
Boiling point.....: > 100 °C  
Vapour pressure.....: not available  
pH value ( 25 °C ).....: 6.70  
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

## **10. Stability and reactivity**

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

Hazardous decomposition products:  
None

## **11. Toxicological information**

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EC R-sentences.....: -

No toxicological effects known.



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## 12. Ecological information

BOD 5.....: not available  
 COD.....: not available  
 Total dissolved subst.: not available  
 pH value ( 25 °C ).....: 6.70

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

## 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 09 01 99 (wastes not otherwise specified).

## 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.....: -  
 Danger symbols.....: -  
 EC R-sentences.....: -  
 EC S-sentences.....: -

This product is not to be labelled as a dangerous substance or preparation as defined by EC Directives.

## 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

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of the user to comply with local legislation relating to safety, health, environment and waste management.

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Product name.....: G4500C (READY FOR USE)      Validation date.....: 2002-02-28  
MSDS.....: 008760/03      Date of previous issue.: 1999-07-05  
Previous MSDS.....: 008760/02

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### **5. Fire-fighting measures**

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Not relevant (product is not combustible).

### **6. Accidental release measures**

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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**

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

### **8. Exposure controls/personal protection**

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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 glasses.

### **9. Physical and chemical properties**

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Form: Liquid  
Colour: Red to brown  
Odour: Nearly odourless

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

Density ( 20 °C ).....: 1.0790  
Melting point.....: < 0 °C  
Boiling point.....: > 100 °C  
Vapour pressure.....: not available  
pH value ( 25 °C ).....: 5.50  
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

### **10. Stability and reactivity**

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

Hazardous decomposition products:  
None




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**11. Toxicological information**

EC R-sentences.....: -

No toxicological effects known.

In normal conditions of use, sulphur dioxide may be set free in concentrations well below the threshold limit value (TLV) of 2 ppm. Asthmatic individuals, however, may possibly be sensitive to concentrations as low as 0.1 ppm.

- EDTA-sodium salt

LD50 oral rat > 1,000 mg/kg

**12. Ecological information**

BOD 5.....: 33,000 mg O2/l
COD.....: 86,500 mg O2/l
Total dissolved subst...: not available
pH value ( 25 °C ).....: 5.50

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

- EDTA-sodium salt

Aquatic toxicity.....: 540.00 mg/l/ 96h Lepomis macrochirus(bluegill.)

**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 09 01 99 (wastes not otherwise specified).

**14. Transport information**

Not dangerous cargo. Keep separated from food- and drinkstuffs.

**15. Regulatory information**

Labelling.....: -
Danger symbols.....: -
EC R-sentences.....: -
EC S-sentences.....: -

This product is not to be labelled as a dangerous substance or preparation as defined by EC Directives.



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## 16. Other information

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