



# Safety Data Sheet

EN

Printed : 2003-01-30 Page : 001/005

Product name.....: SUPERMASTER PLUS CORRECTION PEN  
 SDS.....: 007603/00 Validation date.....: 2003-01-28  
 Previous SDS.....: / Date of previous issue.:

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

Product name.....: SUPERMASTER PLUS CORRECTION PEN

Use of the substance/preparation:

Correction pen

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.

This correction pen mainly consists of a plastic housing enclosing a porous wick, which retains a very small quantity of corrector liquid. When not in use, the pen is closed with a protective cap. Labelling and hazard information in this Safety Data Sheet refers to the pure corrector liquid as retained in the wick.

- EDTA-sodium salt	1.0 - 5.0	% by weight
CAS-number.....: 64-02-8		
EINECS/ELINCS-number...: 200-573-9		
Danger symbols.....: Xn		
EC R-sentences.....: R22 R36 R52/53		
- 3-Mercapto-1,2,4-triazole	1.0 - 5.0	% by weight
CAS-number.....: 3179-31-5		
EINECS/ELINCS-number...: 221-656-6		
Danger symbols.....: Xn		
EC R-sentences.....: R22 R36		
- Water	60.0 - 80.0	% by weight
- Ammonium thiosulphate	20.0 - 30.0	% by weight
- Ammonium-iron-EDTA	5.0 - 10.0	% by weight
- Sodium sulphite	1.0 - 5.0	% by weight
- Sodium citrate	1.0 - 5.0	% by weight

## 3. Hazards identification

\* EC-classification:

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

This preparation does not meet any of the criteria for classification as dangerous

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as defined by EC Directives.

#### **4. First aid measures**

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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**

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Combustion of one pencil will not cause a major problem to health, safety and to the environment. When burning large amounts of pencils, hazardous fumes can be set free. Their composition is depending on the conditions of the combustion process and will not substantially differ from that resulting from merely burning plastic housings and caps of such pencils.

Not relevant (product is not combustible).

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

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Personal protection measures: see Section 8.

For waste disposal see Section 13.

#### **7. Handling and storage**

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In normal conditions of storage, transport and use, the liquid will not leak from the pencil. No special protective measures against fire and explosion required.

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

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\* Exposure limit values:

\* Exposure controls:

Ventilation should be sufficient so that applicable occupational exposure limits are not exceeded. Observe normal precautions when handling chemicals. Don't wear the correction pen on your body. Avoid that the tip of the wick comes into contact with the eyes and the skin. Always apply the protective cap to the pen, when the latter is not in use. Unproper handling, such as licking the wick, inhaling the corrector liquid or breaking and opening the pen, so as to set free the wick, is to be avoided. Keep away from foodstuffs, drinks and tobacco.

Hand protection: Nitrile gloves resistant to chemicals  
Thickness of material:  $\geq 0.45$  mm  
Breakthrough time:  $\geq 480$  min.

Eye protection: Safety goggles.

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**9. Physical and chemical properties**

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Form: Liquid  
Colour: Brown  
Odour: Weak odour

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

Density ( 20 °C ).....: 1.1910  
Melting point.....: < 0 °C  
Boiling point.....: > 100 °C  
Vapour pressure.....: not available  
pH value ( 25 °C ).....: 7.10  
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.

**11. Toxicological information**

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EC R-sentences.....: -

Toxicologic data specific for individual ingredients in their pure state:

- EDTA-sodium salt

LD50 oral rat > 1,000 mg/kg

- 3-Mercapto-1,2,4-triazole

LD50 oral rat 738 mg/kg

**12. Ecological information**

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BOD 5.....: not available  
COD.....: not available  
Total dissolved subst...: not available  
pH value ( 25 °C ).....: 7.10

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.

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- EDTA-sodium salt

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

- 3-Mercapto-1,2,4-triazole

Aquatic toxicity.....: > 100.00 mg/l/ 96h Brachydanio rerio (zebra fish)

**13. Disposal considerations**

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Used correction pencils are considered industrial waste. Refer to local provisions and regulations on disposal of such waste.

**14. Transport information**

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- 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**

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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.

This product is not manufactured by Agfa. The information disclosed in this Safety Data Sheet has been provided by the manufacturer.

Section(s) changed compared to the previous issue: 1, 2, 4, 5, 6, 7, 8, 9, 11, 12



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**Full text of relevant R-phrases:**

R22 Harmful if swallowed.

R36 Irritating to eyes.

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