

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006



## **Koru Chemical Cleaner, PART A**

**SUBID : 000001010633**

Version 1  
Revision Date 30.03.2009

Print Date 31.03.2009

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

#### **Identification of the substance/preparation**

Product name : Koru Chemical Cleaner, PART A  
Use of the Substance/Preparation : Cleansing product for developing machines

#### **Company/Undertaking Identification**

Agfa-Gevaert NV  
Septestraat 27  
2640 Mortsel  
Belgium  
Tel. : +32 3 4445501  
Fax : +32 3 4445503  
Person responsible for the safety data sheet: Eddy Michiels  
E-mail: info@Koru-graphics.com

Emergency telephone number : +32 3 4443333 (24h/24h)

### **2. HAZARDS IDENTIFICATION**

This preparation does not meet any of the criteria for classification as dangerous as defined by EC Directives and transposed into national legislation.

### **3. 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-phrases is listed in section 16.

Cleansing product for developing machines, mainly consisting of:

#### **Hazardous components**

- |                    |                     |           |   |     |
|--------------------|---------------------|-----------|---|-----|
| • EDTA-sodium salt | Concentration [%] : | 1.0       | - | 5.0 |
| CAS-No.            | :                   | 64-02-8   |   |     |
| EINECS-No.         | :                   | 200-573-9 |   |     |
| Symbol(s)          | :                   | Xn        |   |     |
| R-phrases(s)       | :                   | R22, R41  |   |     |

### **4. FIRST AID MEASURES**

Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.  
Skin contact : Wash immediately with plenty of water and soap. If symptoms persist, 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**

Further information : Product is not combustible.

### **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions : See section : Exposure controls / personel protection.  
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.  
Advice on common storage : Store away from strong acids and strong oxidizing agents (e.g. sodium hypochlorite).

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **Exposure controls**

Engineering measures : Ventilation should be sufficient so that any applicable occupational exposure limits are not exceeded.  
Hygiene measures : Observe normal precautions when handling chemicals. Avoid inhaling vapour. Keep away from foodstuffs, drinks and tobacco.  
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 breakthrough times > 60 min can be used. Avoid gloves made of: natural latex.  
Eye protection : Safety glasses.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

#### **General Information**

Form : Liquid.  
Colour : Colourless.

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Odour : Weak odour.

### **Important Health Safety and Environmental Information**

Vapour pressure (20 °C) : 23.00 hPa  
Relative density (20 °C) : 1.225  
Solubility/qualitative : Miscible with water at all ratios.  
pH (25 °C) : 4.7  
Melting point/range : < 0 °C  
Boiling point/range : > 100 °C

### **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.  
Hazardous decomposition products : None

### **11. TOXICOLOGICAL INFORMATION**

Toxicity data specific for individual ingredients in their pure state:

#### **Acute oral toxicity**

• EDTA-sodium salt : LD50 rat > 1,000 mg/kg

#### **Acute dermal toxicity**

• EDTA-sodium salt : LD50 rabbit > 2,000 mg/kg

#### **Other information**

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.

### **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity effects**

Ecotoxicity data specific for individual ingredients in their pure state:

#### **Toxicity to fish**

• EDTA-sodium salt : Species: Leuciscus idus (golden orfe)  
LC50: > 500 mg/l/ 96 h

#### **Toxicity to daphnia**

• EDTA-sodium salt : Species: Daphnia magna (water flea)  
EC50: > 100 mg/l/ 48 h

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

### **13. DISPOSAL CONSIDERATIONS**

#### **Waste disposal methods**

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 : 09 01 99 (wastes not otherwise specified).

### **14. TRANSPORT INFORMATION**

Not classified as dangerous in the meaning of transport regulations.

### **15. REGULATORY INFORMATION**

This product is not to be labelled as a dangerous substance or preparation as defined by EC Directives and transposed into national legislation.

### **16. OTHER INFORMATION**

#### **Further information**

Text of R-phrases referred to under headings 2 and 3:

R22	Harmful if swallowed.
R41	Risk of serious damage to eyes.

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

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.