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**SAFETY DATA SHEET**  
according to EC directive 93/112/EC  
**PRIMA DP200**



SUBID:000000010089

Version 3  
Revision Date 10.08.2004

Print Date 22/02/05

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

**Product Information**

Product name : PRIMA DP200  
Use of the : Offset plate developer solution  
Substance/Preparation

**Company/Undertaking Identification**

Agfa-Gevaert Ltd.  
27 Great West Road  
TW8 9AX Brentford, Middlesex  
United Kingdom  
Tel. : +44 (0)20 8 231 4616  
Fax : +44 (0)20 8 231 4951

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-pharse is listed in section 16.

Aqueous offset plate developer solution, mainly consisting of:

**Hazardous components**

• Disodium metasilicate	Concentration [%] :	5.0	-	10.0
CAS-No. : 6834-92-0				
Index-No. : 014-010-00-8				
EINECS-No. : 229-912-9				
Symbol(s) : C				
R-pharse(s) : R34, R37				

**Other**

• Water	Concentration [%] :	80.0	-	100.0
• Pentapotassium triphosphate	Concentration [%] :	1.0	-	5.0

**3. HAZARDS IDENTIFICATION**

**EC-classification:**

Symbol(s) : Xi	Irritant
R-pharse(s) : R38	Irritating to skin.
R41	Risk of serious damage to eyes.

**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.

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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.  
Advice on common storage : Store away from strong acids.

**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 breakthrough times  $>$  60 min can be used. Avoid gloves made of: natural latex.  
Eye protection : Safety goggles.  
Hygiene measures : Observe normal precautions when handling chemicals. Keep away from foodstuffs, drinks and tobacco.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Form : Liquid  
Colour : Colourless  
Odour : Odourless

**Safety data**

pH (25 °C) : 13.5  
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) : 1.086  
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.  
Conditions and materials to avoid : Avoid contact with strong acids. Remove all chemicals and rinse the processing tanks thoroughly with water before using any cleansing products.  
Hazardous decomposition products : None

**11. TOXICOLOGICAL INFORMATION**

R-phrases : R38 Irritating to skin.  
R41 Risk of serious damage to eyes.

Toxicity data specific for individual ingredients in their pure state:

**Acute oral toxicity**

• Disodium metasilicate : LD50 rat 1,153 mg/kg

**Other information**

Hazard labelling of this preparation: see section 15.

**12. ECOLOGICAL INFORMATION****Further information on ecology**

Additional ecological information : 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**

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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 02 (water-based offset plate developer solutions).

**14. TRANSPORT INFORMATION****ADR**

UN-No : 1719  
Proper shipping name : CAUSTIC ALKALI LIQUID, N.O.S. (Disodium metasilicate)  
Class : 8  
Packing group : II  
Classification Code : C5  
Label No : 8  
Risk No. : 80

**RID**

UN-No : 1719  
Proper shipping name : CAUSTIC ALKALI LIQUID, N.O.S. (Disodium metasilicate)  
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**ADNR**

UN-No : 1719  
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Class : 8  
Packing group : II  
Classification Code : C5  
Label No : 8

**IMO / IMDG**

UN-No : 1719  
Proper shipping name : CAUSTIC ALKALI LIQUID, N.O.S. (Disodium metasilicate)  
Class : 8  
Packing group : II  
Label No : 8  
EmS : F-A, S-B

**ICAO / IATA cargo aircraft only**

UN-No : 1719  
Proper shipping name : Caustic alkali liquid, n.o.s. (Disodium metasilicate)  
Class : 8  
Packing group : II  
Label No : 8  
Packing instruction : 813

**ICAO / IATA passenger and cargo aircraft**

UN-No : 1719  
Proper shipping name : Caustic alkali liquid, n.o.s. (Disodium metasilicate)

Class	:	8
Packing group	:	II
Label No	:	8
Packing instruction	:	809

## 15. REGULATORY INFORMATION

### Labelling according to EC Directives

Hazardous components which must be listed on the label :

- CAS-No. : 6834-92-0 Disodium metasilicate

Symbol(s)	:	Xi	Irritant
R-phrase(s)	:	R38	Irritating to skin.
		R41	Risk of serious damage to eyes.
S-phrase(s)	:	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
		S37/39	Wear suitable gloves and eye/face protection.

## 16. OTHER INFORMATION

Section(s) changed compared to the previous issue: 1, 2, 6, 8, 12, 14

### Further information

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

R34	Causes burns.
R37	Irritating to respiratory system.
R38	Irritating to skin.
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.