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Product name.....: PRIMA DP300R POSITIVE DEVELOPER REPLENISHER  
 MSDS.....: 009952/00 Validation date.....: 2000-05-19  
 Previous MSDS.....: / Date of previous issue.:

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

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Product name.....: PRIMA DP300R POSITIVE DEVELOPER REPLENISHER

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

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- sodium metasilicate 5.0 - 10.0 % by weight

CAS-number.....: 6834-92-0  
 EC-number.....: 014-010-00-8  
 Danger symbols.....: C  
 EC R-sentences.....: R34 R37

Danger symbols & EC R-sentences are valid for the PURE ingredients; for danger symbols & EC R-sentences of the product, see paragraph 15.

#### Other Important ingredients

- disodium phosphate 1.0 - 5.0 % by weight  
 - water 80.0 - 100.0 % by weight

### 3. Hazards identification

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

### 4. First aid measures

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#### - Inhalation

Take patient to fresh air. Consult physician if necessary.

#### - Ingestion

Drink plenty of water. Consult physician immediately.

#### - Skin contact

Take off all contaminated clothing immediately. Wash off immediately with plenty of water. Consult physician if necessary.

#### - Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.



# Safety Data Sheet

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- Special measures  
Not required in normal use.

## 5. Fire-fighting measures

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- Extinguishing media  
The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unusual fire and explosion hazards & decomposition products  
No specified dangerous decomposition products are formed.
- Special fire fighting procedures  
Not applicable (aqueous solution)

## 6. Accidental release measures

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- Personal precautions  
See Section 8.2
- Environmental precautions  
Prevent the product from entering into sewer systems, surfacewater or soil.
- Cleaning methods  
Soak up with inert absorbent material and dispose of as hazardous waste.  
Flush with plenty of water.

## 7. Handling and storage

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- Handling  
Supply good ventilation (10 room volumes per hour). Avoid ingestion, skin and eye contact.
- Storage  
Store away from strong acids. Store at a temperature between 4°C and 24°C.

## 8. Exposure control and personal protection

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### 8.1. Exposure controls

Supply good ventilation (10 room volumes per hour).

### 8.2. Personal protection

Appropriate gloves, tightly fitting safety goggles



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**9. Physical and chemical properties**

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Appearance: liquid  
Colour: colourless  
Odour: odourless  
Solubility in water: aqueous solution

Density ( 20 °C ).....: 1.0850  
Melting point.....: < 0 °C  
Boiling point.....: > 100 °C  
Vapour pressure.....: not available  
pH value ( 25 °C ).....: 12.25  
Part. coeff. oct./water: not applicable  
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

Chemical properties: strong alkaline solution

**10. Stability and reactivity**

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- Stability  
Stable aqueous solution
- Conditions and materials to avoid  
Strong acids
- Hazardous decomposition products  
None

**11. Toxicological information**

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**11.1. Toxic effects**

- Inhalation  
Inhalation of mist causes irritation of respiratory system.
- Ingestion  
Irritation possible
- Skin contact  
Irritation
- Eye contact  
Strong irritation

**11.2. Information on hazardous ingredients**

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- sodium metasilicate

LD50 oral rat.....: 1,153 mg/kg

The following toxicological data shown are those obtained from tests on products of similar composition in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994.

OECD 405 - Severe eye irritation (rabbit)

## 12. Ecological information

BOD 5.....: not available  
COD.....: not available  
Total dissolved subst...: 150 g/l  
pH value ( 25 °C ).....: 12.25

Data obtained from tests on used product:

OECD 209 Respiration inhibition of activated sludge: EC50/3h > 1000 mg /l; Inhibition rate: 7 %

OECD 301D Assessment of biological degradability (Closed-Bottle Test): 49 % (after 28 days)

OECD 302B Inherent biodegradability = 95 % after 14 days

## 13. Disposal procedure

Do not release into drain. Collect for removal by a licensed company.

Effluent regulations/discharge/treatment/contents may vary from one area to another. Please consult the local regulations regarding the disposal of this material.

Offer surplus and non-recyclable solutions to a licensed disposal company. Dispose of rinse water as waste water. after pre-treatment if prescribed

## 14. Transport information

- Transport information: ADR, ADNR, RID

UN number.....: 1719 caustic alkali liquid, n.o.s. ( contains sodium metasilicate )  
Class of risk.....: 8 42b  
Add. class of risk.....: 8  
Packing group.....: b  
Kemler number.....: 80

- Transport information: IMO/ IMDG

UN number.....: 1719 caustic alkali liquid, n.o.s. ( contains sodium metasilicate )  
Class of risk.....: 8  
Add. class of risk.....: 8  
Packing group.....: II  
EMS code.....: 8-06  
MFAG code.....: 705

- Transport information: ICAO /IATA cargo

UN number.....: 1719 caustic alkali liquid, n.o.s. ( contains sodium metasilicate )  
Class of risk.....: 8  
Add. class of risk.....: 8  
Packing group.....: II



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Packing instructions....: 813

- Transport information: ICAO /IATA passengers

UN number.....: 1719 caustic alkali liquid, n.o.s. ( contains sodium  
metasilicate )  
Class of risk.....: 8  
Add. class of risk.....: 8  
Packing group.....: II  
Packing instructions....: 809

#### 15. Regulatory information

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Labelling.....: Contains sodium metasilicate  
Danger symbols.....: Xi Irritant  
EC R-sentences.....: R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
EC S-sentences.....: 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

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The data given is based on the current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product properties.