



Safety Data Sheet

Printed : 2001-07-09 Page : 001/005

Product name.....: PRIMA DP300 POSITIVE DEVELOPER
MSDS.....: 009951/00 Validation date.....: 2000-05-19
Previous MSDS.....: / Date of previous issue.:

1. Identification of the substance/preparation and the company

Product name.....: PRIMA DP300 POSITIVE DEVELOPER

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

- sodium metasilicate 1.0 - 5.0 % 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

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

4. First aid measures

- 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.

- Eye contact

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



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- Special measures

Not required in normal use.

5. Fire-fighting measures

- 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

- 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

- 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

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

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

Density (20 °C).....: 1.0600
Melting point.....: < 0 °C
Boiling point.....: > 100 °C
Vapour pressure.....: not available
pH value (25 °C).....: 12.00
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

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

11. Toxicological information**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...: 75 g/l
pH value (25 °C).....: 12.00

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

Labelling.....: Contains sodium metasilicate

Danger symbols.....: Xi Irritant

EC R-sentences.....: 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.

S39 Wear eye/face protection.

16. Other information

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.