



Material Safety Data Sheet

Printed : 2001-07-27 Page : 001/005

Product name.....: POSIDEV PREMIUM
MSDS.....: 008855/00
Previous MSDS.....: /

Validation date.....: 1999-08-12
Date of previous issue.:

1. Identification of the substance/preparation and the company

Product name.....: POSIDEV PREMIUM

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 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
- EDTA, 4Na 1.0 - 3.0 % by weight
CAS-number.....: 64-02-8
Danger symbols.....: Xn
EC R-sentences.....: R22 R36 R52/53

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

- glycerine 5.0 - 10.0 % by weight
- disodium phosphate 1.0 - 5.0 % by weight
- water 80.0 - 100.0 % by weight

3. Hazards identification

EC R-sentences.....: R34 Causes burns.

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. Immediately rinse with much cold water for at least 15 minutes. Consult a physician.

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- Eye contact

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

- 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).



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8.2. Personal protection

Appropriate gloves, tightly fitting safety goggles

9. Physical and chemical properties

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

Density (20 °C).....: 1.1290
Melting point.....: < 0 °C
Boiling point.....: > 100 °C
Vapour pressure.....: not available
pH value (25 °C).....: 13.00
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

Causes burns.

- Skin contact

Causes burns.

- Eye contact

Causes burns.

11.2. Information on hazardous ingredients

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- sodium metasilicate
 LD50 oral rat..... 1,153 mg/kg
- EDTA, 4Na
 LD50 oral rat..... 3,200 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 404 Destruction of skin tissue as a result of more than 3 minutes exposure (rabbit)

12. Ecological information

This chemical as such has not been tested for environmental impact: however, the effects on the environment can be estimated on the basis of the data of the major components of this chemical.

BOD 5..... not available
 COD..... not available
 Total dissolved subst... < 150 g/l
 pH value (25 °C)..... 13.00

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 liquids,n.o.s. (contains sodium metasilicate)
 Class of risk..... 8 42b
 Packing group..... b
 Kemler number..... 80
- Transport information: IMO/ IMDG
 UN number..... 1719 caustic alkali liquids,n.o.s. (contains sodium metasilicate)
 Class of risk..... 8
 Packing group..... II
 EMS code..... 8-06
 MFAG code..... 705
- Transport information: ICAO /IATA cargo
 UN number..... 1719 caustic alkali liquids,n.o.s. (contains sodium metasilicate)
 Class of risk..... 8
 Packing group..... II
 Packing instructions.... 813

