



Product name.....: POSIDEV PREMIUM R
 MSDS.....: 008862/00
 Previous MSDS.....: /

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

1. Identification of the substance/preparation and the company

Product name.....: POSIDEV PREMIUM R

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
- water 75.0 - 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).....: 1.1400
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**

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- 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
 MEAG 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

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- Transport information: ICAO /IATA passengers

UN number.....: 1719 caustic alkali liquids,n.o.s. (contains sodium metasilicate)

Class of risk.....: 8

Packing group.....: II

Packing instructions...: 809

15. Regulatory information

Labelling.....: Contains sodium metasilicate

Danger symbols.....: C Corrosive

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

EC S-sentences.....: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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.