



Material Safety Data Sheet

Printed : 2001-07-16 Page : 001/004

Product name.....: REVIVA PLATE
MSDS.....: 008814/00
Previous MSDS.....: /

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

1. Identification of the substance/preparation and the company

Product name.....: REVIVA PLATE

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

- water 95.0 - 100.0 % by weight

3. Hazards identification

EC R-sentences.....: R36 Irritating 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.
- Special measures
Not required in normal use.

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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

Not applicable

- Cleaning methods

If acceptable to local regulations, material can be diluted with water and released into the drain. Otherwise apply absorbent material and collect into a waste container for removal by a licensed company. 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, safety glasses

9. Physical and chemical properties

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

Density (20 °C).....: 1.0070



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Melting point.....: < 0 °C
Boiling point.....: > 100 °C
Vapour pressure.....: not available
pH value (25 °C).....: 11.50
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: 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
Slight irritation possible
- Skin contact
Slight irritation possible
OECD 404 No skin irritation (rabbit)
- Eye contact
Irritation

11.2. Information on hazardous ingredients

- 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 - Moderate eye irritation (rabbit)



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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...: < 20 g/l
pH value (25 °C).....: 11.50

13. Disposal procedure

If acceptable to local regulations, material can be released into the drain. Otherwise collect for removal by a licensed company.

Offer surplus and non-recyclable solutions to a licensed disposal company.

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

14. Transport information

- Transport information: ADR, ADNR, RID
not restricted.
- Transport information: IMO/ IMDG
not restricted.
- Transport information: ICAO /IATA cargo
not restricted.
- Transport information: ICAO /IATA passengers
not restricted.

15. Regulatory information

Labelling.....: Contains sodium metasilicate
Danger symbols.....: Xi Irritant
EC R-sentences.....: R36 Irritating to eyes.
EC S-sentences.....: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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.