

Printed: 29-12-2004 Version from : 10-12-2004 Page 1/4
acc. 91/155/EC

1 Identification of Preparation and Company

1.1 Product identification

Product name:REPRO FIX (neutral)

Article-Nr. : 106316 Internal No.: 44527 -2221 -3

1.2 Identification of Manufacturer

Tetenal-Photowerk GmbH & Co Tetenal Ltd
Schützenwall 31 - 35 Centurion Way, Meridian Industrial Estate
D-22844 Norderstedt Leicester LE3 2WH
Tel.:040-52145-0 0116 263 0306
Fax :040-52145-296 0116 263 0087
Informations are prepared and given by :
Tetenal - Photowerk Abt. Labor Tel. +49 40-52145-0
Emergency telephone: +49 30 19240

2 Composition / Information on Ingredients

Hazardous Ingredients

CAS-Nr.	Symbol and R-phrases of the pure substance
25-50 % Ammonium thiosulfate 7783-18-8	
1-5 % Acetic acid 64-19-7 C 10-35	
1-5 % Sodium disulfite 7681-57-4 Xn 22-31-41	

Description Fixing bath for photographic use

3 Hazard Identification

4 First Aid Measures

4.1 General Information:

Remove contaminated soaked clothing/shoes immediately and dispose of safely.

4.2 Inhalation :

Remove the casualty into fresh air and keep him calm.

4.3 Skin contact :

In case of contact with skin wash off immediately with plenty of water

4.4 Eye contact :

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice

4.5 Ingestion :

Wash out mouth with water and drink plenty of water. Do NOT induce vomiting, seek medical advice.

4.6 Information for Physician:

SAFETY DATA SHEET

Printed: 29-12-2004 Version from : 10-12-2004 Page 2/4
REPRO FIX (neutral)

5 Fire-fighting Measures

5.1 Suitable Extinguishing Media: water spray jet foam dry powder

5.2 Extinguishing Media not to be used for safety reasons:

5.3 Special Hazards from the Product, its Combustionproducts or Gases:

In fires, hazardous combustion gases are formed: Sulphur dioxide (SO₂)

5.4 Special Protective Equipment Do not inhale explosion and/or combustion gases. Use breathing apparatus.

5.5 Additional Information

Fire residues and contaminated firefighting water must be disposed off in accordance with the local regulations.

Accidental Release Measures

6.1 Personal Precautions: Ensure adequate ventilation

6.2 Environmental Precautions: Do not discharge into surface waters/groundwater.

6.3 Methodes for Cleaning: Send in suitable containers for recovery or disposal.

6.4 Additional Information

Take up with absorbent material.

7 Handling and Storage

7.1 Safe Handling:

No special measures necessary if used correctly.

7.2 Fire and Explosion Precautions: No special measures necessary

7.3 Storage: Provide floor with bundling.

7.4 Special Storage Information: Do not store together with animal feedstuffs.

7.5 Additional Information: storage temperature: 5-30°C

7.6 Storage Class:

8 Exposure Control and Personal Protection

8.1 Engineering Measures:

Good general ventilation is recommended.

8.2 Components with Threshold Limit Values: Acetic acid 10 ppm (MAK, EG 2001)

8.3 Additional Information: Do not eat or drink when working.

8.4 Personal Protection:

General Measures: Avoid contact with eyes and skin

Respiratory Protection: Good general ventilation is recommended

Hand Protection : chemical resistant gloves made of nitrile rubber, thickness >0,38mm breakthrough time >480min or neoprene, thickness >0,65mm, >240min

Eye Protection : tightly fitting goggles

Skin Protection : light protective clothing

SAFETY DATA SHEET

Printed: 29-12-2004 Version from : 10-12-2004 Page 3/4
REPRO FIX (neutral)

9 Physical and Chemical Properties

Appearance

State:Liquid Colour:colourless Odour:perceptible

Changes of State:

Blp.: 100 °C Mlt.p.:n.a. °C

Flash point :n.a.

Flammability :

Ignition Temperature :n.a.

Autoflammability :

Oxidising Properties :n.a

Explosion Limits lower :n.a. Vol% upper:n.a. Vol%

Vapour Pressure (20°C) :k.A. mbar

Relative Density :1.30

Solubility in Water (20°C):soluble g/l

pH-Value of Product (20°C):5,2

Viscosity (20°C) :k.A.

Additional Information :

10 Stability and Reactivity

Conditions to Avoid :Reactions with oxidising agents.

Materials to Avoid :Reactions with strong alkalies.

Hazardous Decomposition Products:Ammonia

Additional Information :Stable at ambient temperature.

11 Toxicological Information

LD 50:>2000 mg/kg rat-oral

Frequent persistent contact with the skin can cause skin irritation.

The product has not been tested. The information is derived from the properties of the individual components.

12 Ecological Information

Do not discharge product unmonitored into the environment.

13 Disposal Considerations

Comment :Product must be disposed in accordance with the lawful and the local regulations.

Waste Catalogue No.(german):090104

Contaminated Packaging :

Cleaning of Packaging :

SAFETY DATA SHEET

Printed: 29-12-2004 Version from : 10-12-2004 Page 4/4
REPRO FIX (neutral)

14 Transport Information

ADR / GGVS :-

Remarks :-

IMDG-Code :-

Remarks :-

IATA / ICAO :-

Remarks :-

No dangerous good for transportation

15 Regulatory Information

Labelling according EC-Regulations

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

Symbol :-

R-Phrases:-

S-Phrases:allgemeine Hinweise

Contains:

Special Labell Information:

National Regulations:

VbF :n.a.

Water hazard class (german):1

Other Regulations :

16 Other informations

The data in this Material Safety Data Sheet relate only to the material designated herein and do not relate to any other material or in any other process. The information is furnished in good faith, but no warranty, expressed or implied, is made. Users should consider information from all sources to assure proper use and disposal of the materials and safety and health of employees and customers.

n.a.=not applicable n.i.=no information