

Fotospeed

Material Safety Data Sheet

According to 1907/2006/EC, article 31

Printing date 25.05.10

Version #1

Revision 25.05.10

Trade Name FX20 Fixer

Page 1 of 6

1. Identification of Substance/preparation and of the company/undertaking

Product details

Trade Name: Fotospeed FX20

Article number: 03130 - 1 Litre, 03140 – 5 Litre

Application of Substance: Fixer for Black & White photographic use.

Manufacturer/ Supplier

Jay House Ltd T/a Fotospeed
Unit 6 B Park Lane Ind Estate
Park Lane
Corsham
SN13 9LG
Tel +44 (0)1249 714555
Fax: +44 (0)1249 714999
www.fotospeed.com
E-mail: info@fotospeed.com

Further information obtainable from: Dept of Environment and Safety: info@fotospeed.com

Information in case of emergency: Poison Information Centre West Midlands: 0844 892 0111

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2. Hazard Identification

Hazard description: Not Applicable.

Information concerning particular hazards for human and the environment:

This product does not have to be labelled due to the calculation procedure of the "General Classification Guideline for the preparations of the EU" in the latest version..

Classification systems

The classification is according to the latest editions of the EU lists and extended by company and literature data

GHS label elements



Danger

H318 – Causes serious eye damage

Prevention

P280 Wear Protective gloves/protective clothing/eye protection/face protection

P281 Use personal protective equipment as required.

Response

P305+P351+P338

Fotospeed

Material Safety Data Sheet

According to 1907/2006/EC, article 31

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Version #1

Revision 25.05.10

Trade Name FX20 Fixer

Page 2 of 6

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue rinsing
P310 Immediately call Poison Centre or doctor or physician

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3. Composition/information on ingredients

Chemical characterisation

Description: Mixture of substances listed below with nonhazardous additions

Dangerous Components			
CAS: 7681-57-4 EINECS: 231-673-0	disodium disulphite	 Xn  Xi; R22-31-41 Danger  3.3/1 Warning  3.1.0/1	1-5%
CAS: 107-21-1 EINECS: 203-473-3	ethylene glycol	 Xn; R 22 Warning  3.1.0/4	1-5%

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4. First Aid Measures

General information: Immediately remove any clothing/shoes soiled by product

In case of skin contact: Immediately wash with soap and water and rinse thoroughly

In case of eye contact: Rinse opened eye for several minutes (15) under running water.

In case of swallowing: Rinse mouth and then drink plenty of water. Seek immediate medical advice.

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5. Fire Fighting Measures

Suitable extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam

Protective equipment: No special measures required

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6. Accidental Release Measures

Person related safety precautions: Ensure adequate ventilation

Environmental protection:

Dilute with plenty of water.

Do not allow to enter sewers/surface or ground water

Cleaning and collecting: Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust)

Additional information: No dangerous substances are released

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Fotospeed

Material Safety Data Sheet

According to 1907/2006/EC, article 31

Printing date 25.05.10

Version #1

Revision 25.05.10

Trade Name FX20 Fixer

Page 3 of 6

7. Handling and Storage

Safe handling: No special measures required.

Fire and explosion protection: No special measures required.

Requirements for storerooms and receptacles: No special measures required.

Common facility storage requirements: store away from foodstuff.

Further information: Protect from heat and direct sunlight

Store under lock and key and out of reach of children

Recommended storage temperature: 5-25⁰C

8. Exposure controls/personal protection

Information on design and technical facilities: No further data, see item 7

Ingredients with limit values which require monitoring in the workplace:

7681-57-4 disodium disulphite (1-5%)

WEL Long term value : 5mg/m³

107-21-1 ethylene glycol (1-5%)

WEL

Short term value: 104mg/m³

Long term value: 52mg/m³

vapour

Additional information: The list valid during the making were used as a basis

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals

Avoid contact with eyes and skin

Respiratory protection

Ensure adequate ventilation

Protection of hands



Protective gloves

The glove material has to be impervious and resistant to the product/substance/preparation.

No recommendation of glove material is available

Select glove material with consideration to the penetration times/ rates of diffusion and degradation

Glove Material

The selection of suitable glove material does not only depend on the material but also on further marks of quality and varies with manufacture. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and therefore has to be checked prior to the application

Fotospeed

Material Safety Data Sheet

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Version #1

Revision 25.05.10

Trade Name FX20 Fixer

Page 4 of 6

Penetration of glove material

The exact breakthrough time is to be found out by the manufacturer of the protective glove and has to be observed.

Glove material:

Butyl rubber - with breakthrough time ≥ 480 min, layer thickness ≥ 0.4 mm

Nitrile rubber - with breakthrough time ≥ 480 min, layer thickness ≥ 0.38 mm

Neoprene - with breakthrough time ≥ 240 min, layer thickness ≥ 0.65 mm

For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made with the following material are suitable

Butyl rubber BR

Nitrile rubber NBR

Eye protection: Safety glasses

Body protection: Protective work clothing

9. Physical and Chemical Properties

General

Form	Fluid
Colour	Colourless
Odour	Recognisable

Change in condition

Melting point	Undetermined
Boiling Point	$>100^{\circ}\text{C}$

Flash Point	Not applicable
Self Igniting	Product is not self igniting
Danger of Explosion	Product does not present an explosion hazard
Vapour pressure @20°C	23 hPa
Density @20°C	1.33 g/cm ³
Solubility in/Miscibility with water	Fully miscible
pH-value @ 20°C	5.2

Solvent Content:

Organic	0.7 %
Water	52.7%

Solids content	38.9%
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Fotospeed

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Revision 25.05.10

Trade Name FX20 Fixer

Page 5 of 6

10. Stability and Reactivity

Thermal decomposition/ conditions to be avoided: No decomposition is used according to specifications

Materials to be avoided

Dangerous reactions: Reacts with acids alkalis and oxidising agents

Dangerous decompositions products:

Irritant gasses and vapours

11. Toxicological Information

Acute toxicity:

Primary irritant effect:

Skin	No irritant effect
Eye	No irritant effect
Sensitisation	No Sensitising effects known

Additional toxicological information:

This product is not subject to classification according to the calculation methods of the General EU Classification Guidelines for Preparations as issues in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological Information

Ecological effects

General notes

Water hazard class 1 (German Regulation) (self assessment): slightly hazardous for water. Do not allow undiluted product or large quantities to reach ground water, water course or sewage system.

13 Disposal Considerations

Recommendation

Must not be disposed of with household waste.
Do not allow product to reach sewage system.

European waste catalogue

09 01 04 Fixer Solutions

Uncleaned packaging:

Recommendation: Disposal must be made in accordance with official regulations

Recommended cleansing agents: Water, if necessary together with cleansing agents.

Fotospeed

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Version #1

Revision 25.05.10

Trade Name FX20 Fixer

Page 6 of 6

14. Transport information

Land Transport ADR/RID (cross border)
ADR/RID class

Maritime transport IMDG:
IMDG Class:
Marine Pollutant: No

Air transport ICAO-TI and IATA-DGR:
ICAO/IATA Class

UN 'Model Regulation

15 Regulatory Information

Labelling according to EU guidelines
Observe the general safety regulations when handling chemicals
This product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.

Relevant R-phrases

- 22 Harmful if swallowed
- 31 Contact with acids liberates toxic gas
- 41 Risk of serious damage to eyes

Department issuing MSDS: Department of Health and Safety

Abbreviations and acronyms

ADR: European Agreement concerning the Carriage of Dangerous Goods
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
IMDG: International Maritime Code for Dangerous goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the Civil Aviation Organisation
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
