

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : DY10 FotoDyes

UFI :

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Photographic Processing Solution

1.3 Details of the supplier of the safety data sheet

Supplier/distributor : Jay House Ltd
6B Park Lane Industrial
Estate Park Lane
Corsham
SN13 9LG

Telephone : 01249 714555
Internet : info@fotospeed.com

2. HAZARDS IDENTIFICATION

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2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Eye damage (Category 1) H318

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]



Pictogram

Signal word Danger

Hazard statement(s)

H318 Causes skin irritation

Precautionary statement(s)

P280 Wear eye/face protection

P301 + P310 + 330 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor

Supplemental Hazard statements None

2.3 Other hazards – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Component	Classification	Concentration
Rhodamine B		
CAS-No. 81-88-9 EC-No. 201-383-9 Registration No. 01-2120774536-44--xxxx	Acute Tox.4 (oral), H302; Eye Dam.1, H318; Aquatic chronic 3, H412	4%

For the full text of the H-Statements mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:

Remove to fresh air and rest. If recovery is not rapid call for prompt medical attention.

Eyes

Irrigate with water for at least 15 minutes. Take care not to wash chemical from one eye to another. Obtain immediate medical attention.

Skin

Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. If irritation persists, obtain medical attention.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek prompt medical attention.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. The product when properly handled is not dangerous for human health. Harmful effects are expected only in case of misuse.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use media such as alcohol/aqueous foam, dry chemical, or carbon dioxide or water spray/fog which is suitable and appropriate for any surrounding fire.

5.2 Special hazards arising from the substance or mixture

Highly dependent on combustion conditions May produce decomposition fumes and combustion products if involved in a fire.

5.3 Advice for firefighters

Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus Use water spray to cool containers. Prevent runoff from fire control from entering waterways. Large fires should be dealt with by trained personnel.

5.4 Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use suitable personal protective equipment (refer to Section 8 for details). Avoid breathing vapours or mists. Ensure adequate ventilation.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or watercourses.

6.3 Methods and materials for containment and cleaning up

Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry place. Keep the container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with occupational exposure limits

None

8.2 Exposure controls

Appropriate engineering controls

Use in well ventilated areas. Use mechanical ventilation in poorly ventilated areas.

Personal protective equipment

Eye/face Protection

Use equipment for eye protection tested and approved under appropriate standards such as EN 166

Skin Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with good practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Recommended glove types include Nitrile, Polythene and PVC gloves (breakthrough time for total immersion 4 to 8 hours).

Body Protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. After contact with skin wash off immediately. Wash hands before breaks and immediately after using the product.

Respiratory Protection

Where risk assessment in accordance with the hierarchy of controls established within the Chemical Agents Directive shows a requirement for respirators as a means of control use filter type P

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|--------------------------------|
| a) Appearance | Form: Clear pink/red liquid |
| b) Odour | None |
| c) Odour Threshold | Not applicable |
| d) pH | No data available |
| e) Melting point/freezing point | No data available |
| f) Initial boiling point and boiling range | No data available |
| g) Flash point | No data available |
| h) Evaporation rate | No data available (water = 1). |
| i) Flammability (solid, gas) | Not applicable |
| j) Upper/lower flammability or explosive limits | Non-flammable |
| k) Vapour pressure | No data available |
| l) Vapour density | No data available |
| m) Relative density | No data available |
| n) Water solubility | Miscible in water |
| o) Partition coefficient: (n-octanol/water) | No data available |
| p) Auto-ignition temperature | No data available |
| q) Decomposition temperature | No data available |
| r) Viscosity | No data available |
| s) Explosive properties | None |
| t) Oxidizing properties | None |

9.2 Other safety information

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available on mixture.

10.2 Chemical stability

Expected to be stable at normal temperatures and under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No specific data.

10.5 Incompatible materials

Strong oxidising agents, acids and alkalis

10.6 Hazardous decomposition products

No hazardous decomposition products when stored and handled correctly.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - rat – >5mg/kg, LD50 Dermal - rabbit – >5mg/kg, LC50 Inhalation – rat - >5ml/l

Skin corrosion/irritation

No data available on mixture. Not expected to cause any acute skin corrosion or irritation.

Serious eye damage/eye irritation

No data available on mixture. Based on its contents, causes severe possibly irreversible eye damage.

Respiratory or skin sensitisation

No data available on mixture. Not expected to have sensitisation potential.

Germ cell mutagenicity

No data available on mixture .No known mutagenic potential.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

Reproductive toxicity

No data available on mixture. No known toxic to reproduction potential.

Specific target organ toxicity - single exposure

No data available on mixture. Inhalation of vapours or mists may cause mild transient respiratory irritation

Specific target organ toxicity - repeated exposure

No data available on mixture. No data available.

Aspiration hazard

Not expected to pose an aspiration hazard.

Potential health effects

Inhalation	Inhalation of vapours, aerosols or mists may cause mild respiratory tract irritation.
Ingestion	May cause nausea and gastric pain if swallowed
Skin	May cause mild transient skin irritation or dermatitis on prolonged or repeated contact.
Eyes	Causes severe eye irritation and possible permanent damage.

Signs and Symptoms of Exposure

Exposure may cause the effects described above

Additional Information

None.

16. OTHER INFORMATION**Further information****Text of H-code(s) mentioned in Section 3**

H302 Harmful if swallowed
H318 Causes serious eye damage
H412 Harmful to aquatic life with long lasting effects

Revision History

First Issue

Recommended restrictions on use

Use in accordance with the manufacturer's technical instructions.

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, and management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date and represents the best information currently available and known by Jay House Ltd. (Jay House). However, Jay House makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.