

(In compliance with EC/1907/2006 Article 31 and Annex II)

Revision Date: 30/07/2013

Revision Number: 0

Material/Trade Name: CLEARING SOLUTION

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## 1 – Identification of Substance/Mixture and of the Company/Undertaking

Material/Trade Name : Clearing Solution  
Material type : Photographic process reagent  
Company : Jay House Ltd  
Address : 6B Park Lane Industrial Estate  
Park Lane  
Corsham  
SN13 9LG  
Telephone : 01249 714555  
Fax : 01249 714999  
Internet : info@fotospeed.com

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## 2 – Hazards Identification

### Classification of the substance or mixture

*According to Regulation (EC) No.1272/2008*

Skin Irritation (Category 2)  
Eye Irritation (Category 2)  
STOT SE 3

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
EUH031 Contact with acids liberates toxic gas

*According to European Directive 67/548/EEC as amended*

Xi; Irritant  
R36/37/38 Irritating to eyes, respiratory system and skin  
R31 Contact with acids liberated toxic gas

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## 3 – Composition/Information on Ingredients

CAS No.	EC No.	Index No.	Classification	Concentration
Potassium Metabisulfite				
16731-55-8	240-795-3	[-]	Eye Irrit. 2, STOT SE 3, Skin Irrit. 2 H319, H335, H315, EUH031 Xi; R36/37/38 R31	20%

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## 4 - First-aid Measures

### Inhalation:

Remove to fresh air and rest. If recovery is not rapid call for prompt medical attention. Show this safety data sheet to medical personnel.

### Eyes

Irrigate with water for at least 15 minutes. Take care not to wash chemical from one eye to another. If irritation persists, obtain 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. Give plenty of water to drink, if feeling unwell seek prompt medical attention.

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## 5 - Fire-fighting Measures

**Suitable Extinguishers**

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

**Unsuitable Extinguishers**

None.

**Hazardous Decomposition**

May produce small amounts of toxic fumes and combustion products if, involved in a fire which could include oxides of sulphur and potassium.

**Special Procedures/information for firefighters**

Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Use water spray to cool containers. Prevent runoff from fire control from entering waterways. Large fires should only be dealt with by trained personnel.

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## 6 - Accidental Release Measures

**Personal Protection and Precautions**

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

**Environmental Precautions**

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

**Containment, Cleaning up and Disposal Considerations**

Absorb in inert material such as sand or non-combustible absorbent granules.

Scoop up and place in plastic container to await transfer.

Refer to Section 13 for further information regarding disposal.

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## 7 - Handling and Storage

**Handling**

Avoid inhalation of vapour or mist.

**Storage**

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

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## 8 - Exposure Controls/Personal Protection

**Occupational Exposure Limit:** Contains no substance with occupational exposure limits.

**Respiratory Protection**

Use in well ventilated areas. Use mechanical ventilation if possible.

**Hand Protection**

Wear butyl, PVC or nitrile gloves to Standard EN 374. (Breakthrough time for total immersion in excess of 8 hours)

**Eye Protection**

Wear suitable eye protection such as safety glasses or goggles to Standard BS EN 166 if splash or eye contact likely.

**Skin Protection**

Wear suitable overalls or apron and change if contaminated. After contact with skin wash off immediately. Wash hands before breaks and immediately after using the product.

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## 9 - Physical & Chemical Properties

**Appearance:** Liquid

**Odour:** None

**pH:** n/e

**Boiling point/range:** <100°C

**Melting point/range:** n/e

**Flash point:** n/e

**Flammability:** NON FLAMMABLE

**Auto flammability:** n/e

**Explosive properties:** n/e

**Oxidising properties:** n/e

**Vapour pressure:** n/e

**Relative density:** n/e

**Solubility:** n/e

**Partition Coefficient:** n/e

**Vapour Density:** n/e

**Viscosity:** n/e

**Evaporation rate:** n/e

(n/e = not established)

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## 10 - Stability and Reactivity

**Chemical Stability**

Stable at normal temperatures and under recommended storage conditions.

**Conditions to Avoid**

Extreme temperature and direct sunlight.

**Materials to Avoid**

Strong oxidising agents and acids.

**Hazardous Decomposition Products**

No hazardous decomposition products when stored and handled correctly.

## 11 - Toxicological Information

**Acute toxicity**

Non-toxic by all routes

**Skin corrosion/irritation**

May cause skin irritation

**Serious eye damage/eye irritation**

May cause eye irritation

**Respiratory or skin sensitisation**

May cause respiratory irritation

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present (as supplied) 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

**Specific target organ toxicity - single exposure**

No data available.

**Specific target organ toxicity - repeated exposure**

No data available.

**Potential health effects****Inhalation** Causes respiratory tract irritation.**Ingestion** May be harmful if swallowed.**Skin** Causes skin irritation**Eyes** Causes serious eye irritation.**Signs and Symptoms of Exposure**

Cough, Shortness of breath, Headache, Nausea, Vomiting, Difficulty in breathing, Diarrhoea

## 12 - Ecological Information

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bio accumulative potential**

No data available

**Mobility in soil**

No data available

**PBT and vPvB assessment**

No data available

**Other adverse effects**

No data available

## 13 - Disposal Considerations

**Product**

Material is classified as hazardous waste under the Hazardous Waste Regulations 2005 (as amended). Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

## 14 - Transport Information

**ADR/RID**

Not classified as hazardous for transport

**IMDG**

Not classified as hazardous for transport

**IATA**

Not classified as hazardous for transport

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## 15 - Regulatory Information

### Label Elements

Pictogram



Signal Word

Warning

### Hazard Statements

H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
EUH031	Contact with acids liberates toxic gas

### Precautionary Statements

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

### Other Regulations

Health &amp; Safety at Work etc. Act 1974

Control of Substances Hazardous to Health Regulations 2002 (as amended)

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009

Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended)

EH40/2005 Workplace Exposure Limits (as amended)

Environmental Protection Act 1990

Hazardous Waste Regulations 2005 (as amended)

## 16 - Other Information

### Text of H-code(s) and R-phrase(s) mentioned in Section 3

H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
EUH031	Contact with acids liberates toxic gas
R36/37/38	Irritating to eyes, respiratory system and skin
R31	Contact with acids liberates toxic gas

### Recommended restrictions on use

Use in accordance with manufacturer's technical instructions.

### Revision History

First Issue

### Further Information

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, 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.