

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

Revision Date: 20/08/2013

Revision Number: 0

Material/Trade Name: AD10 ANTIQUE DYE

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

Material/Trade Name : AD10 Antique Dye  
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

Eye Irritant (Category 2)

Skin Irritant (Category 2)

H319

Causes serious eye irritation

H315

Causes skin irritation

According to European Directive 67/548/EEC as amended

Xi; Harmful

R36/38

Irritating to eyes and skin

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## 3 – Composition/Information on Ingredients

CAS No.	EC No.	Index No.	Classification	Concentration
Acetic Acid				
64-19-7	200-580-7	607-002-00-6	Flam. Liq. 3, Skin Corr. 1A H226, H314 C; R35 F; R10	6.25%

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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. Seek immediate medical attention.

### Skin

Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. Seek immediate medical attention.

### Ingestion

Do not induce vomiting. Give plenty of water to drink. Seek immediate 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

Thermal decomposition products may include carbon oxides, nitrogen oxides and iron oxides.

### 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:** 25 mg/m<sup>3</sup> 8hrTWA WEL Acetic acid

### 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 EN166

### 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, Brown

**Odour:** Vinigary

**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:** Fully miscible in water

**Partition Coefficient:** n/e

**Vapour Density:** n/e

**Viscosity:** As water

**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, soluble carbonates and phosphates, hydroxides, metals, peroxides, permanganates.

### Hazardous Decomposition Products

No hazardous decomposition products when stored and handled correctly.

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## 11 - Toxicological Information

### Acute toxicity

Acetic acid (100%)	LD <sub>50</sub> Oral (rat) 3310 mg/kg
	LC <sub>50</sub> Inhalation (mouse) 5620ppm
	LC <sub>50</sub> Inhalation (rat) 11.4mg/l
	LD <sub>50</sub> Dermal (rabbit) 1112mg/kg

Non-toxic by all routes

### Skin corrosion/irritation

Irritating to skin

### Serious eye damage/eye irritation

Causes serious eye irritation

### Respiratory or skin sensitisation

No data available

### Germ cell mutagenicity

No data available

### Carcinogenicity

IARC: No components 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

### Specific target organ toxicity - single exposure

No data available.

### Specific target organ toxicity - repeated exposure

No data available.

### Potential health effects

**Inhalation** Excessive inhalation of vapours, aerosols or mists may cause mild, transient respiratory tract irritation

**Ingestion** May be harmful if ingested in significant quantities

**Skin** Causes skin irritation

**Eyes** Causes serious eye irritation

### Signs and Symptoms of Exposure

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Ingestion or inhalation of concentrated acetic acid causes damage to tissues of the respiratory and digestive tracts. Symptoms include: hematemesis, bloody diarrhea, edema and/or perforation of the esophagus and pylorus, pancreatitis, hematuria, anuria, uremia, albuminuria, hemolysis, convulsions, bronchitis, pulmonary edema, pneumonia, cardiovascular collapse, shock, and death. Direct contact or exposure to high concentrations of vapor with skin or eyes can cause: erythema, blisters, tissue destruction with slow healing, skin blackening, hyperkeratosis, fissures, corneal erosion, opacification, iritis, conjunctivitis, and possible blindness., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

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## 12 - Ecological Information

**Toxicity**

Not expected to be harmful to aquatic life

**Persistence and degradability**

No data available

**Mobility in soil**

No data available

**PBT and vPvB assessment**

No data available

**Bio accumulative potential**

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

## 15 - Regulatory Information

**Label Elements**

Pictogram



Signal Word      Warning

**Hazard Statements**

H315

Causes skin irritation

H319

Causes serious eye irritation

**Precautionary Statements**

P330

Rinse mouth

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P352

IF ON SKIN: Wash with plenty of soap and water

**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)

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## 16 - Other Information

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

H226	Flammable liquid and vapour
H314	Causes severe skin burns and eye damage
R10	Flammable
R35	Causes severe burns

### 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.