

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

Revision Date: 26/7/2012

Revision Number: 0

Material/Trade Name: FOTOSPEED SALT PRINTING KIT SILVER SOLUTION

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

Material/Trade Name : Fotospeed Salt Printing Kit Silver 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 irrit. 2	H315	Causes skin irritation
Eye Irrit. 2	H319	Causes serious eye irritation
Aquatic Chronic (Category 2)	H411	Toxic to aquatic life with long lasting effects

According to European Directive 67/548/EEC as amended

Xi; Irritant	R36/38	Irritating to eyes and skin
N; Dangerous for the Environment	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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## 3 – Composition/Information on Ingredients

CAS No.	EC No.	Index No.	Classification	Concentration
Silver Nitrate				
7761-88-8	231-853-9	047-001-00-2	Ox. Sol. 2, Skin Corr. 1A; Aquatic Acute 1, Aquatic Chronic 1 H272, H314, H400, H410 O; R8 C; R34 N; R50/53	<8%

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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.

### 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:** 0.01mg/m<sup>3</sup> 8hrTWA WEL Silver Nitrate

### Respiratory Protection

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

### Hand Protection

Wear polythene, 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 :** Colourless liquid

**Odour :** None

**pH :** 8

**Boiling point/range :** 100°C

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

**Flash point :** n/e

**Flammability :** NON FLAMMABLE

**Autoflammability :** n/e

**Explosive properties :** n/e

**Oxidising properties :** None

**Vapour pressure:** : n/e

**Relative density :** n/e

**Solubility :** Miscible in water

**Partition Coefficient :** n/e

**Vapour Density :** n/e

**Viscosity :** n/e

**Evaporation rate :** n/e

(n/e = not established)

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

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**Revision Number:** 0

**Material/Trade Name:** FOTOSPEED SALT PRINTING KIT SILVER SOLUTION

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## 10 - Stability and Reactivity

### Chemical Stability

Stable at normal temperatures and under recommended storage conditions. Light sensitive material

### Conditions to Avoid

Elevated temperature and sunlight

### Materials to Avoid

Strong oxidising agents

### Hazardous Decomposition Products

No hazardous decomposition products when stored and handled correctly.

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## 11 - Toxicological Information

### Acute toxicity

Low toxicity by all routes.

### Skin corrosion/irritation

Skin - Skin irritation

### Serious eye damage/eye irritation

Eyes - rabbit - Severe eye irritation

### Respiratory or skin sensitization

No data available

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

**Ingestion** May be harmful if ingested in quantity.

**Skin.** Causes skin irritation.

**Eyes** Causes eye irritation.

### Signs and Symptoms of Exposure

May cause argyria (a slate-gray or bluish discoloration of the skin and deep tissues due to the deposit of insoluble albuminate of silver)., Absorption into the body leads to the formation of methemoglobin which insufficient concentration causes cyanosis. Onset may be delayed 2 to 4 hours or longer.

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## 12 - Ecological Information

### Toxicity

Toxic to aquatic life, may cause long-term adverse effects

### Persistence and degradability

Persistent

### Mobility in soil

Expected to be mobile.

### PBT and vPvB assessment

No data available.

### Bioaccumulative potential

No data available

### Other adverse effects

No data available.

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## 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.

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

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## 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 Statement(s)

H315      Causes skin irritation  
H319      Causes serious eye irritation  
H411      Toxic to aquatic life with long lasting effects

Precautionary statement(s)

P273 Avoid release to the environment.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

### Other Regulations

Health & 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

H272	May intensify fire; oxidiser
H315	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
R8	Harmful if swallowed
R34	Causes Burns
R36/38	Irritating to eyes, respiratory system and skin
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

### Recommended restrictions on use

Use in accordance with manufacturer's technical instructions. Avoid contact with acids.

### 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.

**Revision Date:** 26/7/2012**Revision Number:** 0**Material/Trade Name:** FOTOSPEED SALT PRINTING STABILISER 1

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

**Material/Trade Name** : Fotospeed Salt Printing Stabiliser 1  
**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

Not classified as hazardous according to Regulation (EC) No.1272/2008

Not classified as hazardous according to European Directive 67/548/EEC as amended

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## 3 – Composition/Information on Ingredients

Contains no hazardous substances at concentrations that would require declaration in accordance with Part 3.2 of Annex II of EC/1907/2006

Contains sodium chloride solution

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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. Material is not expected to be combustible under any realistic circumstances.

### Unsuitable Extinguishers

None.

### Hazardous Decomposition

Unlikely to produce any toxic fumes or combustion products if involved in a fire.

### 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.

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

**Revision Date:** 26/7/2012

**Revision Number:** 0

**Material/Trade Name:** FOTOSPEED SALT PRINTING STABILISER 1

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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:** Not assigned

### Respiratory Protection

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

### Hand Protection

Wear polythene, 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 :** Colourless liquid

**Odour :** None

**pH :** n/e

**Boiling point/range :** >100°C

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

**Flash point :** n/e

**Flammability :** NON FLAMMABLE

**Autoflammability :** n/e

**Explosive properties :** n/e

**Oxidising properties :** None

**Vapour pressure :** n/e

**Relative density :** n/e

**Solubility :** Completely miscible in water

**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

### Hazardous Decomposition Products

No hazardous decomposition products when stored and handled correctly.

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

**Revision Date:** 26/7/2012**Revision Number:** 0**Material/Trade Name:** FOTOSPEED SALT PRINTING STABILISER 1

## 11 - Toxicological Information

**Acute toxicity**Low toxicity by all routes, LD<sub>50</sub> (rat) >3000mg/kg.**Skin corrosion/irritation**

Not expected to cause any acute skin corrosion or irritation

**Serious eye damage/eye irritation**

Not expected to cause any acute eye damage or irritation; low level transient eye irritation may be possible following exposure.

**Respiratory or skin sensitization**

Not expected to have sensitization potential

**Germ cell mutagenicity**

Not expected to have mutagenic effects

**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**

Not expected to have reproductive toxicity effects

**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 quantity.**Skin.** Repeated exposure may cause skin dryness or cracking.**Eyes** May cause mild transient eye irritation.**Signs and Symptoms of Exposure**

Ingestion of gross quantities may cause severe nausea, vomiting and abdominal pain.

## 12 - Ecological Information

**Toxicity**

No specific data available

**Persistence and degradability**

Not readily biodegradable.

**Mobility in soil**

Expected to be mobile.

**PBT and vPvB assessment**

Neither PBT or vPvB.

**Bioaccumulative potential**

Low

**Other adverse effects**

No data available.

## 13 - Disposal Considerations

**Product**

Material is not classified as hazardous waste under the Hazardous Waste Regulations 2005. Follow supplier's instructions regarding safe methods of disposal. Do not discharge into drains or watercourses without prior approval.

**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

**Revision Date:** 26/7/2012**Revision Number:** 0**Material/Trade Name:** FOTOSPEED SALT PRINTING STABILISER 1

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## 15 - Regulatory Information

### Label Elements

No statutory safety labels are required for this material in accordance with the provisions of EC/1907/2006, EC/1272/2008 or 67/548/EEC as amended

### Other Regulations

Health & 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

None

### 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.



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

**Revision Date:** 26/7/2012**Revision Number:** 0**Material/Trade Name:** FOTOSPEED SALT PRINTING STABILISER 2

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

**Material/Trade Name** : Fotospeed Salt Printing Stabiliser 2  
**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

Not classified as hazardous according to Regulation (EC) No.1272/2008

Not classified as hazardous according to European Directive 67/548/EEC as amended

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## 3 – Composition/Information on Ingredients

CAS No.	EC No.	Index No.	Classification	Concentration
Potassium Iodide				
7681-11-0	231-659-4	[-]	Acute Tox. 4, Eye Irrit. 2, Skin Irrit. 2 H302, H315, H319 Xn; R22 – R36/38	<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. Material is not expected to be combustible under any realistic circumstances.

### Unsuitable Extinguishers

None.

### Hazardous Decomposition

Unlikely to produce any toxic fumes or combustion products if involved in a fire.

### 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.

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

**Revision Date:** 26/7/2012

**Revision Number:** 0

**Material/Trade Name:** FOTOSPEED SALT PRINTING STABILISER 2

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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:** Not assigned

### Respiratory Protection

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

### Hand Protection

Wear polythene, 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 :** Colourless liquid

**Odour :** None

**pH :** n/e

**Boiling point/range :** >100°C

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

**Flash point :** n/e

**Flammability :** NON FLAMMABLE

**Autoflammability :** n/e

**Explosive properties :** n/e

**Oxidising properties :** None

**Vapour pressure :** 1mm Hg

**Relative density :** n/e

**Solubility :** Completely miscible in water

**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

### Hazardous Decomposition Products

No hazardous decomposition products when stored and handled correctly.

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

Revision Date: 26/7/2012

Revision Number: 0

Material/Trade Name: FOTOSPEED SALT PRINTING STABILISER 2

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## 11 - Toxicological Information

### Acute toxicity

Low toxicity by all routes LD<sub>50</sub> (mouse) for pure potassium iodide is 1000mg/kg.

### Skin corrosion/irritation

Not expected to cause any acute skin corrosion or irritation at concentrations present in product

### Serious eye damage/eye irritation

Not expected to cause any acute eye damage or irritation at levels present in product; low level transient eye irritation may be possible following exposure.

### Respiratory or skin sensitization

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals

### 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

Exposure to excessive amounts of iodine during pregnancy is capable of producing foetal hypothyroidism

### 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 quantity.

**Skin.** Repeated exposure may cause skin dryness or cracking.

**Eyes** May cause transient eye irritation.

### Signs and Symptoms of Exposure

Symptoms of prolonged exposure include: skin rash, running nose, headache and irritation of the mucous membrane. For severe cases the skin may show pimples, boils, hives, blisters and black and blue spots. Iodides have been known to cause drug-induced fevers, which are usually of short duration.

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## 12 - Ecological Information

### Toxicity

High concentrations may be harmful to aquatic organisms

### Persistence and degradability

Not readily biodegradable.

### Mobility in soil

Expected to be mobile.

### PBT and vPvB assessment

No data available.

### Bioaccumulative potential

No data available

### Other adverse effects

No data available.

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## 13 - Disposal Considerations

### Product

Material is not classified as hazardous waste under the Hazardous Waste Regulations 2005. Follow supplier's instructions regarding safe methods of disposal. Do not discharge into drains or watercourses without prior approval.

### Contaminated packaging

Dispose of as unused product.

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## 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

**Revision Date:** 26/7/2012**Revision Number:** 0**Material/Trade Name:** FOTOSPEED SALT PRINTING STABILISER 2

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## 15 - Regulatory Information

### Label Elements

No statutory safety labels are required for this material in accordance with the provisions of EC/1907/2006, EC/1272/2008 or 67/548/EEC as amended

### Other Regulations

Health & 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

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

R22 Harmful if swallowed

R36/38 Irritating to eyes and skin

### 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.

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

**Revision Date:** 26/7/2012**Revision Number:** 0**Material/Trade Name:** FOTOSPEED SALT PRINTING STABILISER 3

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

**Material/Trade Name** : Fotospeed Salt Printing Stabiliser 3  
**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

Not classified as hazardous according to Regulation (EC) No.1272/2008

Not classified as hazardous according to European Directive 67/548/EEC as amended

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## 3 – Composition/Information on Ingredients

CAS No.	EC No.	Index No.	Classification	Concentration
Potassium Bromide				
7758-02-3	231-830-3	[-]	Acute Tox. 4, Eye Irrit. 2, STOT - SE 3 H315, H319, H335 Xi; R36/37/38	<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. Material is not expected to be combustible under any realistic circumstances.

### Unsuitable Extinguishers

None.

### Hazardous Decomposition

Unlikely to produce any toxic fumes or combustion products if involved in a fire.

### 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.

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

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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:** Not assigned

### Respiratory Protection

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

### Hand Protection

Wear polythene, 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 :** Colourless liquid

**Odour :** None

**pH :** n/e

**Boiling point/range :** >100°C

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

**Flash point :** n/e

**Flammability :** NON FLAMMABLE

**Autoflammability :** n/e

**Explosive properties :** n/e

**Oxidising properties :** None

**Vapour pressure :** 1mm Hg

**Relative density :** n/e

**Solubility :** Miscible in water

**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

### Hazardous Decomposition Products

No hazardous decomposition products when stored and handled correctly.

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

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## 11 - Toxicological Information

### Acute toxicity

Low toxicity by all routes LD<sub>50</sub> (rat) for pure potassium bromide is 3070mg/kg.

### Skin corrosion/irritation

Not expected to cause any acute skin corrosion or irritation at concentrations present in product

### Serious eye damage/eye irritation

Not expected to cause any acute eye damage or irritation at levels present in product; low level transient eye irritation may be possible following exposure.

### Respiratory or skin sensitization

No data available

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

**Ingestion** May be harmful if ingested in quantity.

**Skin.** Repeated exposure may cause skin dryness or cracking.

**Eyes** May cause transient eye irritation.

### Signs and Symptoms of Exposure

Ingestion of gross quantities may cause severe nausea, vomiting and abdominal pain.

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## 12 - Ecological Information

### Toxicity

High concentrations may be harmful to aquatic organisms

### Persistence and degradability

Not readily biodegradable.

### Mobility in soil

Expected to be mobile.

### PBT and vPvB assessment

No data available.

### Bioaccumulative potential

No data available

### Other adverse effects

No data available.

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## 13 - Disposal Considerations

### Product

Material is not classified as hazardous waste under the Hazardous Waste Regulations 2005. Follow supplier's instructions regarding safe methods of disposal. Do not discharge into drains or watercourses without prior approval.

### Contaminated packaging

Dispose of as unused product.

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## 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

No statutory safety labels are required for this material in accordance with the provisions of EC/1907/2006, EC/1272/2008 or 67/548/EEC as amended

### Other Regulations

Health & 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

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

R36/37/38 Irritating to eyes, respiratory system and skin

### 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.