

**Fixed Grade Liquid B&W Photo Emulsion****1. Substance Identity and Company Information**

**Product Identity:** Fixed Grade Liquid B&W Photo Emulsion

**Product Use:** When melted, for coating on various surfaces for photographic use

**Manufacturer:** Kentmere Photographic Ltd, Staveley, Kendal, LA8 9PB

Emergency Telephone: +44 1539 821365

**2. Chemical composition**

This is a preparation of gelatine and inorganic compounds dissolved in water. Mixture of substances listed below with non-hazardous additions.

Chemical name	% w/w	Symbol	R-Phrases	S-Phrases	EINECS No.	CAS No.
Silver Bromide	<6%	Not regulated		S22-24/25	232-076-8	7785-23-1
Industrial Methylated Spirits	<0.5%	Xn, F	R11, 68/20/21/22	S1/2,S7,S16, S36/37 S45		8013-52-3
Phenol	<0.2%	T, C	R23/24/25-34-48/20/21/22 c-68	S24/25-26-28B-36/37/39-45	203-632-7	108-95-2

**3. Hazards identification**

Not regarded as a health hazard under current legislation.

**4. First Aid Measures**

**Inhalation:** Fresh air

**Skin contact:** Wash with soap and water. Remove contaminated clothing. In extreme cases seek medical advice.

**Eye contact:** Flush with plenty of water. Seek medical advice.

**Ingestion:** Rinse out mouth and then drink plenty of water. Do not induce vomiting. Seek medical advice.

**5. Fire fighting measures**

**Suitable extinguishing media:** Water, Carbon dioxide, dry powder can be used.

**Unsuitable extinguishing media:** None

**Special exposure hazards:** When product is involved in a fire, toxic fumes and smoke may be generated.

**Protective equipment:** Use approved self-contained breathing apparatus.

**Further instructions:** Contaminated extinguishing water should be disposed of

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**Other information:** as approved by national and local regulatory agencies.  
Product is not combustible.

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### 6. Accidental release measures

**Personal precautions:** Wear personal protective clothing.  
**Environmental precautions:** In case of accident, avoid release of product into the environment. Prevent product getting into sewerage systems or public waterways. Collect as much as possible in an approved container for later disposal.  
**Method for cleaning up:** Wear Protective Clothing. Contain the area of spillage. Stop the leak. Large amounts should be pumped into a container. Small amounts can be collected with absorbing materials.

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### 7. Handling and Storage

**Handling:** Wear protective clothing. Emergency wash and eye rinse facilities should be accessible. When handling chemicals do not eat, drink or smoke.  
**Storage Requirements:** Do not expose to light source. Store in a refrigerator. Keep the package closed when not in use.  
**Other information:** Always store in the original container. Open, only in photographic safelights.

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### 8. Exposure controls and personal protection

**Components that require monitoring in the work place:**  
This product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

**Personal protective and hygienic measure:**  
The usual precautionary measures should be adhere to when handling chemicals. Keep away from foodstuffs. Take off immediately all contaminated clothing.

**Skin contact:** Protective gloves  
**Eye contact:** Wear safety glasses

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### 9. Physical and Chemical Properties

Appearance:	solid at 20°C
Colour:	pale yellow
Odour:	faint
Melting point	35°C
Flash point	not relevant
Flammability	not relevant
Autoignition temperature	not relevant
Explosive limits lower	not relevant

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Oxidising properties	not determined
Vapour pressure (20°C)	not determined
Density (20°C)	not determined
Solubility in water (25°C)	soluble
pH (25°C)	pH6
Viscosity	not determined

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### 10. Stability and reactivity

This product is stable under normal storage conditions.

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### 11. Toxicological information

The product is not subject to classification.

#### Acute Toxicity

**Skin contact:** Can cause irritation. May cause dermatitis.

**Eye contact:** Can cause irritation.

**Ingestion:** Harmful if swallowed.

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### 12. Ecological information

Slightly hazardous for water (self assessment)

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### 13. Disposal considerations

**Product or contaminated product:** Dispose of leftovers, waste or contaminated products in accordance with local and national regulations.

**Contaminated package:** Do not allow product to reach the sewage system.  
Dispose of in accordance with local and national regulations.

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### 14. Transport information

#### Land transport

**ADR/RID-GGVSE Class** -

**UN-Number** -

#### Maritime transport IMDG

**IMDG-Class** -

**Page** -

**UN-Number** -

#### Air transport ICAO and IATA-DGR

**ICAO/IATA Class** -

**UN/ID-Number** -

**Additional information** - Not dangerous according to the specifications

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### 15. Regulations

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No labelling requirements according to EC Directives.

Observe the normal safety regulations when handling chemicals.

Water Hazard class – 1 (self assessment): slightly hazardous for water.

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### **16. Other information**

The above mentioned information corresponds to our present knowledge and therefore does not guarantee certain properties. The safety data sheet serves as a description of the product in regards to necessary safety measures. Recipients of our product must take responsibility for observing existing laws and regulations.

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