MATERIALS SAFETY DATA
Paterson Photographic Ltd

REF: Chr6-ColDevA **DATE: 05/04/02**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1 Identification of the substance or preparation:

Product name: **PATERSON** (**Photocolor) CHROME SIX, COLOUR DEVELOPER A.**

Product use: **Developing all E6 Slide films.**

1.2 Company Identification:

Paterson Photographic Ltd
4 Malthouse Road, Tipton,
West Midlands, DY4 9AE.
United Kingdom

Telephone: 0121 520 4830 Fax: 0121 520 4831

1.3 Company emergency telephone number: **0121 520 4830 (Daytime)**

2. COMPOSITION/INFORMATION ON INGREDIENTS.

Hazardous Ingredient:	**Potassium Hydroxide.**
CAS Number:	**1310-58-3**
Quantity:	**<5%**
Hazard Classification:	**Corrosive.**
Risk Phrases:	**R34 - Causes burns.**
Safety Phrases:	**S2 - Keep out of reach of children** **S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**

3. HAZARDS INDENTIFICATION

Corrosive alkaline liquid. Do not get in eyes, on skin or clothing. Reaction with metals may produce flammable and explosive hydrogen gas.

4. FIRST AID MEASURES

IN ALL CASES OF DOUBT OR IF SYMPTONS PERSIST, SEEK MEDICAL ADVICE. SHOW PRODUCT LABEL AND SAFETY DATA SHEET.

4.1 Eye contact: **Flush eyes immediately with plenty of running water for at least 15 minutes while holding the eyelids open. Seek medical attention at once.**

4.2 Skin contact: **Flush affected area with large amounts of water. Remove contaminated clothing and launder before reuse. Seek medical advice if irritation or redness persists.**

4.3 Inhalation: **Move person to non-contaminated air. Call a doctor immediately.**

4.4 Ingestion: **Give several glasses of water to dilute contents of stomach. Get medical attention immediately.**

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5 FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media:

The product is not classed as flammable (water based). If involved in a major fire, irritating toxic fumes or gases may be produced. Use suitable extinguishing media for the surrounding fire.

5.2 Extinguishing media which must not be used for safety reasons:

N/A

5.3 Special exposure hazards:

N/A

5.4 Special protective equipment for fire fighters:

Wear protective clothing and self contained respiratory equipment.

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6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

When dealing with spillages, use the personal protection specified in section 8. Ensure spill area is well ventilated

6.2 Environmental precautions:

Prevent spillages from entering drain by absorption into inert absorbent material (e.g. dry sand or earth) and transfer to a container for disposal by a licensed waste contractor.

6.3 Methods for cleaning up:

After collecting the bulk of the spillage, thoroughly wash area to drain with water.

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7 HANDLING AND STORAGE

7.1 Handling:

Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using. Ensure adequate ventilation of the working area. Re-cap bottles after use.

7.2 Storage:

Store in a dry well ventilated area at a moderate temperature in the original containers. Ensure containers are securely re-capped after use.

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8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Recommended engineering controls:

Ensure good ventilation or local exhaust ventilation of the working area.

8.2 Control parameters:

Hazardous Ingredient	Content	Long Term(8 Hour)	Short Term (15min)
		5mg M-3	13mg m-3

No relevant exposure limits.

8.3 Monitoring procedures:

No specific methods established.

8.4 Recommended personal protection:

Eyes: **Wear safety glasses as the minimum level of protection.**

Hands: **Wear impervious gloves. Neoprene rubber is recommended.**

Skin: **Wear protective clothing appropriate for the risk of exposure.**

Respiration: **Not normally required. Use an approved respirator for large spillages.**

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9 PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance:	**Deep Yellow liquid.**
9.2	Odour:	**Slight.**
9.3	pH (concentrate):	>**13**
9.4	Boiling point/boiling range:	**N/A**
9.5	Melting point/melting range:	**N/A**
9.6	Flash point:	**N/A**
9.7	Flammability:	**Not flammable**
9.8	Autoflammability:	**N/A**
9.9	Explosive properties:	**N/A**
9.10	Oxidising properties:	**N/A**
9.11	Vapour pressure:	**N/D**
9.12	Relative density:	**1.120**
9.13	Water solubility:	**Completely soluble**
9.14	Fat solubility:	**N/D**
9.15	Partition coefficient (n-octanol/water):	**N/D**
9.16	Other data:	

10 STABILITY AND REACTIVITY

10.1	Stability:	**Stable under recommended storage conditions.**
10.2	Conditions to avoid:	**None known.**
10.3	Materials to avoid:	**Acids and metals.**
10.4	Hazardous decomposition:	**Reaction with acids evolves heat and carbon dioxide gas is produced. Reaction with metals may produce flammable and explosive hydrogen gas. It may react explosively with organohalogen compounds. Corrosive to aluminium, tin and zinc.**

11 TOXICOLOGICAL INFORMATION

Eye contact:	**This product is extremely irritating to eye tissue.**
Skin contact:	**The product is expected to be irritating to skin.**
Ingestion:	**Ingestion of the product may cause severe burns to the mouth, throat and stomach and may cause ulcerations.**
Inhalation:	**Inhalation of vapours and mists of the product will cause irritation to the nose, throat and lungs.**

12 ECOLOGICAL INFORMATION

N/D

13 DISPOSAL CONSIDERATIONS

13.1 Disposal of material:

Disposal should be in accordance with current local and national legislation and only by a licensed waste contractor. Do not dispose of into drains, sewers, or waterways.

13.2 Disposal of packaging:

Rinse thoroughly with water and dispose of as solid waste.

14	TRANSPORT INFORMATION	**Classified as 'Corrosive substance' for road transport.**
14.1	Labelling for transportation	**Class 8 - Corrosive**

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15 REGULATORY INFORMATION

15.1	Classification:	**Corrosive.**
15.2	Risk Phrases:	**See section 2.**
15.3	Safety Phrases:	**See section 2.**

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16 OTHER INFORMATION

Nature of revision: **N/A**

N.B. Material supplier's safety data sheets were used as key data sources in the preparation of this safety data sheet.

N/D: No available data

N/A: Not applicable

MEL: Maximum exposure limit issued by the UK Health and Safety Executive in Guidance Note EH40/95

OES: Occupational Exposure Standard issued by the UK Health and Safety Executive in Guidance Note EH40/95