



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1	<u>Product Identification:</u>	DYLON PRE-DYE
	<u>Pack Size:</u>	10 g & 500 g tins.
1.2	<u>Product use:</u>	Colour remover for fabric.
1.3	<u>Company Identification:</u>	SPOTLESS PUNCH UK LLTD SUITE B, KNOWLES HOUSE CROMWELL ROAD REDHILL SURREY, RH1 1RT TEL (+ 44) 1737 742 000 FAX (+ 44) 1737 769 607 E-MAIL DylonInt@dylon.co.uk

2. COMPOSITION INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS No:</u>	<u>Concentration Range</u>
Sodium Hydrosulfite	7775-14-6	70 %
Sodium Carbonate (Anhydrous)	497-19-8	20 – 30 %

3. SIGNAL WORDS & WARNING STATEMENT(S)

CAUTION: IRRITANT. POWDER AND CONCENTRATED SOLUTIONS ARE DANGEROUS IF SWALLOWED.

4. FIRST AID MEASURES

- 4.1 Eye Contact with eyes will cause irritation. Promptly rinse eyes with plenty of water while lifting the lids. Continue to rinse for at least 15 minutes. Should any symptoms persist, seek medical attention.
- 4.2 Skin Contact with skin will cause irritation. Remove contaminated clothing. Wash skin thoroughly with soap and water. Should any symptoms persist after washing, seek medical attention showing this safety data sheet.
- 4.3 Inhalation Exposure may cause coughing or wheezing. Remove exposed person to fresh air. If breathing is impaired give oxygen. Seek immediate medical attention, showing this Safety Data Sheet.
- 4.4 Ingestion Ingestion may cause diarrhoea, nausea and vomiting. **Never make an unconscious person vomit or drink fluids.** If conscious, rinse mouth out with water. Drink plenty of water or milk. **Do not induce vomiting.** Seek immediate medical attention, showing this Safety Data Sheet.

5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media Use extinguishing media appropriate surrounding fire.
- 5.1 Exposure Hazards Will decompose exothermically liberating Sulfur Dioxide.
- 5.3 Protective Equipment Wear full protective clothing and self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Extinguish all naked flames and sources of ignition. Wear appropriate Personal Protective Equipment (PPE) e.g. Respiratory Protective Equipment (RPE), nitrile, butyl or rubber gloves and safety goggles.

Absorb material from ruptured or leaking packs onto inert material e.g. sand and transfer into labelled containers for disposal. Small spillages may be flushed away with copious amounts of water. Where large and/or uncontrolled discharge has occurred and entered water course or sewer, notify immediately the relevant authorities.

7. HANDLING AND STORAGE

7.1 Handling When handling this product, observe good standards of industrial hygiene to avoid swallowing, inhaling fumes and eye or skin contact by the use of suitable personnel protective equipment.

7.2 Storage Store in a cool dry place away from all sources of heat, including direct sunlight. Do not expose to temperatures exceeding 50° C.

8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Exposure Limit Values

WEL (UK)		Long term 8 hr TWA		Short term 15 min ref. period	
		ppm	mg/m ³	ppm	mg/m ³
Total	inhalable dust	-	10	-	-
	respirable dust	-	4	-	-

8.2 Exposure Controls

Respiratory Protection

None required under normal i.e. domestic use.

Hand Protection

Rubber gloves are advisable for prolonged and frequent use. Where large amounts are being handled, wear chemical resistant gloves e.g. Nitrile, Neoprene or PVC.

Eye Protection

None required under normal i.e. domestic use. Where large amounts are being handled, wear chemical resistant safety glasses or goggles.

Skin Protection

Eyebaths should be provided at places where accidental exposure may occur. None required under normal use. Wear appropriate protective clothing where larger amounts are being handled

9 PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance</u>	White / pale yellow powder.
<u>Odour</u>	Vanilla.
<u>pH</u>	Approx. 10 (10 g/l)
<u>Melting Point/range</u>	Decomposes over 125° C
<u>Oxidizing Properties</u>	Powerful reducing agent.
<u>Solubility</u>	Water – Highly soluble > 15 %.

10. STABILITY AND REACTIVITY

Stable under normal and intended uses and applications. Hazardous polymerisation will not occur.

10.1 <u>Conditions to avoid</u>	Moisture, heat and all other sources of ignition.
10.2 <u>Materials to avoid</u>	All acids, moisture and strong oxidizing agents.
10.3 <u>Hazardous decomposition products</u>	Burning and contact with acids will release Sulfur dioxide

11. TOXICOLOGICAL INFORMATIONAcute Toxicity – Hazardous components

Sodium Hydrosulfite LD50: 1700mg/kg (Oral, Rat).
Sodium Carbonate (Anhydrous) LD50: 4090mg/kg (Oral, Rat).

Skin Irritation Will cause skin irritation.

Eye Irritation Will cause eye irritation.

12. ECOLOGICAL INFORMATION

Sodium Hydrosulfite: No information is available for this ingredient, but it is not currently classified as hazardous for the environment under EU legislation.

Sodium Carbonate: LC50 300 mg/l (96 h, *Lepomis macrochirus*)
EC50 265 mg/l (48 h, *Daphnia magna*).

13. DISPOSAL CONSIDERATIONS

Disposal should be via an authorized waste disposal contractor to an approved waste disposal site, and in accordance with all local and national regulations.

14. TRANSPORT INFORMATION

Proper shipping name Sodium Hydrosulfite mixture.

<u>UN Number</u>	1384	<u>Symbol</u>	Spontaneously combustible substance.
<u>Hazard Class</u>	4.2	<u>Packing Group</u>	II

15. REGULATORY INFORMATION

Components which lead to danger classification Sodium Hydrosulfite

Signal Words: **CAUTION**
Cautionary Statements: KEEP OUT OF REACH OF CHILDREN.
READ SAFETY DIRECTIONS.
DO NOT SWALLOW

Warning Statements 5. Irritant
26. Powder and concentrated solutions are dangerous if swallowed.

Safety Directions: 1. Avoid contact with eyes.
4. Avoid contact with skin.
8. Avoid breathing dust.

Standard statements: A. For advice, contact a poisons information centre (phone Australia 131 126; New Zealand 0800 764-766) or a doctor (at once).
G3. If swallowed, do **NOT** induce vomiting.
E2. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
S1. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

16. OTHER INFORMATION

This product has been assessed in accordance with The Standard for the Uniform Scheduling of Drugs and Poisons No.19, and has been classified as a **SCHEDULE 5** poison. The information in this Safety Data Sheet is given in good faith. The information herein is accurate to the best of our knowledge and represents the most up to date information available to us. Products should be handled and used in accordance with the advice given. The information in this Safety Data Sheet does not constitute an assessment of workplace risks.

Recommended uses and restrictions

This product is intended for use as an household colour remover for fabrics as per the instruction leaflets/labels.

Data Sources

1. Directive 91/155/EEC and its various amendments regarding Safety Data Sheets, up to and including 2001/58/EC.
2. Standard for the Uniform Scheduling of Drugs and Poisons No. 19.

Abbreviations

- CAS = Chemical Abstract Service (Section 2)
- EC50 = Effect Concentration 50%: Concentration of a sample (expressed as % v/v effluent) that causes a 50% effect (e.g. immobilisation or abnormal development) in a standard toxicity test on the specified species over the specified period of time (Section 12) .
- LC50 = Lethal Concentration 50%: Concentration of a sample (expressed as % v/v effluent) that causes 50% mortality in a standard toxicity test on the specified species over the specified period of time. (Section 12).
- LC50 = Lethal Concentration 50%: Concentration of a sample (expressed as % v/v effluent) that causes 50% mortality in a standard toxicity test on the specified species over the specified period of time. (Section 12).
- PPE = Personal Protective Equipment (Section 6).
- RPE = Respiratory Protective Equipment (Section 6) .
- TWA = Time Waited Average (Section 8).
- WEL = Workplace Exposure Limit (Section 8).

Revision Details: Replaces Issue ANZ 02 dated 31.09.2008.
