



MATERIAL SAFETY DATA SHEET

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

1.1	<u>Product Identification:</u>	Dylon Cold Water Dye nos. 02 – 52.
	<u>Pack Size:</u>	5.5 & 7.5 g tinlets.
1.2	<u>Product use:</u>	Domestic dyestuff for fabrics.
1.3	<u>Company Identification:</u>	SPOTLESS PUNCH LTD SUITE B, KNOWLES HOUSE CROMWELL ROAD, REDHILL SURREY, RH1 1RT UNITED KINGDOM TEL (+ 44) 1737 742 000 FAX (+ 44) 1737 769 607
1.4	<u>Emergency Telephone No:</u>	0870 600 6266

2. COMPOSITION/INFORMATION ON INGREDIENTS

The individual tins may contain the following hazardous ingredients in concentrations greater than 1 %.

<u>Ingredient</u>	<u>EINECS No:</u>	<u>CAS No:</u>	<u>Classification</u>
C.I. Reactive Yellow 86	274-956-4	70865-29-1	Xi: Irritant R43-36
C.I. Reactive Yellow 111	273-336-0	68957-39-1	Xi: Irritant R43
C.I. Reactive Yellow 125	268-974-1	68155-62-4	Xi: Irritant R43
C.I. Reactive Orange 4	274-701-7	70616-90-9	Xn: Harmful R42/43
C.I. Reactive Orange 64	280-744-2	83763-57-9	Xn: Harmful R42/43
C.I. Reactive Orange 86	260-696-9	57359-00-9	Xn: Harmful R42/43
C.I. Reactive Red 2	241-776-2	17804-49-8	Xi: Irritant R43-36
C.I. Reactive Red 11	260-832-7	57583-69-4	Xi: Irritant R43
C.I. Reactive Blue 4	236-363-9	13324-20-4	Xi: Irritant R43
C.I. Reactive Blue 81	-----	75030-18-1	Xi: Irritant R43
C.I. Reactive Blue 109	274-959-0	70865-31-5	Xi: Irritant R43

3. HAZARDS IDENTIFICATION



HARMFUL – May cause sensitization by inhalation and skin contact. Irritating to eyes and skin.

4. FIRST AID MEASURES (SYMPTOMS & ACTION)

<u>Eye contact</u>	Contact with eyes will cause irritation and redness. The eyes may water profusely. Promptly rinse eyes with plenty of water for 15 Minutes. Consult a doctor.
<u>Skin contact</u>	Contact with skin may cause irritation. Remove all contaminated clothing. Wash skin thoroughly with soap and water.
<u>Inhalation</u>	High dust concentrations may cause coughing and wheezing. Remove exposed person to fresh air. Should any symptoms persist, seek medical advice.
<u>Ingestion</u>	Ingestion may cause irritation to the digestive tract, diarrhoea and nausea. Do not induce vomiting. Rinse mouth out with water. Drink plenty of milk or water. In the event of significant ingestion or if any symptoms persist, seek medical advice.

5. FIRE FIGHTING MEASURES

<u>Extinguishing Media</u>	Use extinguishing media appropriate to surrounding fire.
<u>Exposure Hazards</u>	May form flammable dust / air mixture.
<u>Protective Equipment</u>	Wear full protective clothing and self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Take precautions to avoid creating and breathing dust (see section 8). Absorb any spilled material immediately onto inert material i.e. sand or vermiculite and transfer into labelled containers for disposal (see section 13). Small spillages may be flushed away with copious amounts of water.

7. HANDLING AND STORAGE

<u>Handling</u>	When handling this product, observe good standards of industrial hygiene to avoid swallowing, inhaling dust and eye or skin contact by the use of suitable personnel protective equipment (PPE). It is advisable always to wear hand protection when handling chemicals.
<u>Storage</u>	Store in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Workplace Exposure Limit Values Reactive dyes, of which this product is one type, have been reported as causing instances of respiratory sensitization. There is, however, limited or no information which would enable in-house exposure limits to be set. Under these circumstances the inhalation of dust must be avoided or exposure levels reduced to be as low as reasonably practicable. Persons with known respiratory or skin allergies should avoid using or take special precautions when using this product.

8.2 Exposure Controls

<u>Respiratory Protection</u>	None required under normal i.e. domestic use. Wear a suitable mask if handling is likely to raise dust. This product should be weighed under conditions of Local Exhaust Ventilation (LEV).
<u>Hand Protection</u>	Wear rubber, nitrile or butile gloves.
<u>Eye Protection</u>	None required under normal use. Where large amounts are being handled, wear chemical resistant safety glasses or goggles.
<u>Skin Protection</u>	Eyebaths should be provided at places where accidental exposure may occur. Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance</u>	Coloured powder
<u>Odour</u>	Barely perceptible odour
<u>pH</u>	6.5 – 7.5 (10 g/l)
<u>Solubility</u>	Water – Highly soluble

10 STABILITY AND REACTIVITY

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

<u>Conditions to avoid</u>	None known.
<u>Materials to avoid</u>	Strong acids.
<u>Hazardous decomposition products</u>	Contact with acids liberates toxic gas.

11. TOXICOLOGICAL INFORMATION

<u>Acute Oral Toxicity</u>	LD50 value : > 2000 mg/kg (oral, rat – estimated from components)
<u>Skin Irritation</u>	Irritant, sensitization may also occur.
<u>Eye Irritation</u>	Irritant

12. ECOLOGICAL INFORMATION

Ecotoxicity LC50 > 100 mg/l. [96hr, Fish].

No ecological testing has been carried out on this product, the data is based on the properties of the main components.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with all national and local authority regulations.

14. TRANSPORT INFORMATION

Proper shipping name Not classified as dangerous in the meaning of transport regulations.

<u>UN Number</u>	--	<u>IMDG / IMO</u>	--
<u>ADR/RID</u>	--	<u>IATA/ICAO</u>	--

15. REGULATORY INFORMATION

Classified according to Directives 67/548/EEC and 1999/45/EC and their various amendments

Warning Symbols:	St. Andrew's Cross
Warning Words:	HARMFUL
Risk Phrases:	R42/43 May cause sensitization by inhalation and skin contact. R36/38 Irritating to eyes and skin.
Safety Phrases:	S2 Keep out of the reach of children. S22 Do not breathe dust. S24 Avoid contact with skin. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 Wear suitable gloves. S46 If swallowed, seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

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.

Key to R Phrases – Section 2

R36 – Irritating to eyes.
R42/43 – May cause sensitization by inhalation and skin contact.
R43 – May cause sensitization by skin contact.

Recommended uses and restrictions

This product is intended for use as a dyestuff for fabrics as per the instruction leaflets/labels.

Revision Details: Replaces Issue CWD 004 Revision 1 dated 8.11.2002.
