

Town End (Leeds) plc

Silver Court, Intercity Way, LEEDS, LS13 4LY

Tel. 0113 256 4251 - Fax 0113 239 3315 - Telex 557126

SAFETY DATA SHEET (91/155/EC)

Trade name **RHODAMINE B 500%**

1. Identification of the substance / preparation and company

Chemical description **XANTHRENE DYE PREPARATION**
Responsible company **Town End (Leeds) plc., Silver Court, Intercity Way, LEEDS LS13 4LY.**
Emergency telephone **0113 2564251** **Fax 0113 2393315**
Revision date **07/11/2005** (First issued 11/03/1996)

2. Composition / information on ingredients

Information on ingredients	%	Cas-No.	Symbol	R-Phrases
C.I. BASIC VIOLET 10	> 50	81-88-9	Xn	R22,36,40

3. Hazards identification

Avoid Ingestion. Irritating to eyes.

4. First-aid measures

If inhaled **REMOVE TO A WELL VENTILATED AREA. CONSULT MEDICAL ADVICE IF REACTION OCCURS.**
If skin contact **WASH WITH WATER**
If eye contact **FLUSH WITH WATER - SEEK MEDICAL ADVICE IF REACTION OCCURS**
If eaten **FLUSH MOUTH WITH WATER. SEEK MEDICAL ADVICE.**
Advice to doctors **TREAT SYMPTOMATICALLY**

5. Fire-fighting measures

Fire extinguishing agents **CARBON DIOXIDE, FOAM, WATER SPRAY**
Fire / explosion hazards **NONE**
Main combustion gas **CARBON, NITROGEN AND SULPHUR OXIDES**
Personal protection **SELF CONTAINED BREATHING APPARATUS**

6. Accidental release measures

Personal protection	GLOVES, RESPIRATORY PROTECTION
Environmental precautions	DO NOT ALLOW TO CONTAMINATE WATER COURSES
Spillage procedure	VACUUM OR SWEEP UP INTO CONTAINERS MARKED FOR DISPOSAL AS CHEMICAL WASTE
Additional information	DYESTUFFS CAN STAIN HEAVILY

7. Handling and storage

Occupational hygiene	AVOID INGESTION, INHALATION, SKIN AND EYE CONTACT. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICE AND ANY LEGAL REQUIREMENTS
Storage facilities	STORE IN A COOL DRY AREA WITH ADEQUATE VENTILATION
Segregation	NO SPECIAL PRECAUTIONS
Storage conditions	IN COMMON WITH MANY ORGANIC COMPOUNDS IN POWDER FORM IT CAN PRODUCE FLAMMABLE DUST CLOUDS IN AIR. WHILST THIS PRODUCT HAS BEEN TREATED TO MINIMISE SUCH RISK, TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES. KEEP CONTAINERS CLOSED.

8. Exposure controls / personal protection

Components with occupational exposure limits	THE FOLLOWING EXPOSURE LIMITS ARE TAKEN FROM THE HEALTH AND SAFETY EXECUTIVES GUIDANCE NOTE EH40 OCCUPATIONAL EXPOSURE LIMITS 1993.
	TOTAL INHALABLE DUST: 10mg/m⁻³ (8 hr TWA Ref period)
	RESPIRABLE DUST 5mg/m⁻³ (8 hr TWA Ref Period)
Personal protection	GLOVES, RESPIRATORY PROTECTION, GOGGLES

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9. Physical and chemical properties

Appearance	Form	Powder		
	Colour	RED		
	Odour	NONE		
Melting point		> 100 ^o C		
Boiling point		^o C		
Flash point		^o C		
Thermal Decomposition		> 180 ^o C		
Ignition temperature		> 360 ^o C		
Auto-ignition		^o C		
Oxidisation properties				
Explosive limits	Lower		Upper	
Vapour pressure				^o C
Density				^o C
Solubility in water	> 10			90 ^o C
				^o C
pH	4.0 - 5.0	AT at concentraion 1 g/l		
Partition coefficient		log Pow		^o C
Viscosity		mPa.s at		^o C

10. Stability and reactivity

Conditions to avoid	NONE
Materials to avoid	NONE
Hazardous decomposition products	NONE UNDER NORMAL STORAGE CONDITIONS
Additional information	SEE SECTION 7. STORAGE CONDITIONS.

11. Toxicological information

Acute toxicity	(LD50)	300 mg/kg - Rat (oral)
Primary irritation	(Skin)	NON IRRITANT EC 83 - Rabbit
	(Eye)	IRRITANT EC 83 - Rabbit
Adverse effects in man		SKIN SENSITISATION: NONE KNOWN NO ADVERSE EFFECTS REPORTED
Additional information		REFER ITEM 16

12. Ecological information

Bioelimination 50 - 100% PHOTOMETRY (BATCH METHOD)
Summary DYES OF THIS TYPE ARE NOT READILY BIODEGRADABLE
Release to the environment DO NOT ALLOW TO CONTAMINATE WATER COURSES OR SOILS
Environmental fate THIS PRODUCT IS SOLUBLE WATER

ECOTOXICOLOGICAL DATA

Fish toxicity (LC0) <100 mg/l trout
(LC50) <100 mg/l 96 hr
Summary NOT CLASSIFIED AS MARINE POLLUTANT

ECOLOGY DATA

Tested material ANALOGOUS PRODUCTS

13. Disposal considerations

Product INCINERATION, LANDFILL, OBSERVE LOCAL REGULATIONS
Contaminated packaging CONTAMINATED, EMPTY CONTAINERS MUST BE DISPOSED OF AS CHEMICAL WASTE

14. Transport information

Other information Not classified as dangerous for carriage (Regulations 1999)

15. Regulatory information

Symbol and classification Xn Harmful, N Ecological hazard
R-phrases R22. Harmful if swallowed
R36. Irritating to the eyes
R40. Possible risk of irreversible effects
Contains C.I. BASIC VIOLET 10
Other information dyes and chemicals.

16. Other information

INTENDED USE: PAPER DYESTUFF

IN A 2 YEAR FEEDING STUDY WITH RHODAMINE B (C.I. BASIC VIOLET 10) CARRIED OUT ON BEHALF OF THE US COSMETICS ASSOCIATION (CTFA) RATS AND MICE DEVELOPED AN INCIDENCE OF TUMOURS OF VARIOUS TARGET ORGANS

**This product should be stored, handled and used in accordance with good industrial practices and in conformity with legal regulations.
The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of guaranteeing specific properties.**