

10659.

AR204 Blood

# WARNER JENKINSON EUROPE

## PRODUCT DATA

Product ref. : 311821 EUROCERT PONCEAU 4R

1971 Colour Index Ref. : C.I. Food Red 7  
C.I. No. 16255

E.E.C. Status : E.124

Composition, when packed  
Ponceau 4R : 80 % min. (total colour content).

Sodium Chloride : )  
Sodium Sulphate : ) 20 % max.  
Volatile Matter : )

Chemical Name : Trisodium 2-hydroxy-1-(4-sulphonato-1-naphthylazo)naphthalene-6,8-disulphonate.

Empirical Formula :  $C_{20}H_{11}N_2Na_3O_{10}S_3$

Molecular Weight : 604.5

SB38855  
SB38856  
SB38892  
SB38893

### PURITY

Arsenic	3 ppm max.
Lead	10 ppm max.
Mercury	1 ppm max.
Cadmium	1 ppm max.
Heavy Metals	40 ppm max.
Water Insoluble Matter	0.2 % max.
Ether Extractable Matter	0.2 % max.
Free Aromatic Amines	0.01% max.
Synthetic Intermediates (other than free aromatic amines) total	0.5 % max.
Subsidiary colours	1.0 % max.

### General Requirements:

This colour is manufactured to comply with the EC Directive on specific purity criteria concerning colours for food use 95/45/EC and the FAO/WHO Food and Nutrition Paper 52/1 and 2.

Ref. : Issue 02 / Date 09-06-1996

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we do not guarantee any results, and we are not liable for any damage incurred by following these suggestions. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.



Cert No. 901682

*The Colour Creators*

Registered Office: Oldmedow Road, King's Lynn, Norfolk PE30 4LA Registered in England No. 741008 as Warner-Jenkinson Europe Limited

PRODUCT DATA / INFORMATION

Product number : 311821

Product description : Eurocert Ponceau 4R

E.E.C. status : E.124

Composition, when packed

Ponceau 4R : 80 % min. (total colour content)

Sodium Chloride : )

Sodium Sulphate : ) 20 % max. total

Volatile Matter : )

Chemical specification : )

Purity specification : ) see attached product data sheet of no. 311821

Physical appearance : Powder, red solution in water.

Packaging : Tins, steel drums with plastic innerbag or lining; fibre board drums with polythene lining or other on request.

Storage : Dry in well closed original packaging.  
Product is hygroscopic.

Shelflife : At least 3 years when stored as prescribed.

Note: The above colour is suitable for the colouring of food in the EC and in many other countries. However, not all food may be coloured. Quantitative restrictions may apply. Information on use in the EC is given in EC Directive 94/36/EC on colours for use in foodstuffs. Information on regulatory aspects and on use in applications will be supplied on request.

Ref. : Issue 02 / Date 09-06-1996

The information herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by following these suggestions. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.



Cert No. 901882

*The Colour Creators*

Registered Office: Oldmedow Road, King's Lynn, Norfolk PE30 4LA Registered in England No. 741008 as Warner-Jenkinson Europe Limited

---

**IDENTIFICATION OF THE  
SUBSTANCE/PREPARATION AND OF THE  
COMPANY/UNDERTAKING**

WARNER JENKINSON EUROPE,  
Oldmedow Road,  
Hardwick Industrial Estate,  
King's Lynn,  
NORFOLK PE30 4LA

TELEPHONE +44 (0)1553 669444  
TELEX 817144 WJ EUR G  
FAX +44 (0)1553 770707  
PLEASE USE ABOVE NUMBER FOR EMERGENCIES DURING OFFICE HOURS

Emergency Telephone:  
+44 (0)1223 248036

---

**SAFETY DATA SHEET**

---

PRODUCT NAME : PONCEAU 4R DYE

PRODUCT CODE : GEN.E124

---

**2 COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Cas No.	EC No.	Weight%	Symbols	R Phrases
PONCEAU 4R E124	2611-82-7	220-036-2		N/A	N/A

---

**3 HAZARDS IDENTIFICATION**

- Not Classified
- 

**4 FIRST-AID MEASURES****CONTACT WITH SKIN**

- After contact with skin, wash immediately with plenty of soap and water (S28)
- Seek medical attention if irritation persists

**CONTACT WITH EYES**

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek medical attention if irritation persists

**INGESTION**

- Do not induce vomiting
  - Seek immediate medical attention
-

#### 4 FIRST-AID MEASURES

##### INHALATION

- Remove patient to fresh air
- Seek medical attention if ill effects occur

##### OTHER INFORMATION

---

#### 5 FIRE-FIGHTING MEASURES

- May form explosive dust/air mixtures
  - In case of fire use water, foam, carbon dioxide or dry agent (S43)
- 

#### 6 ACCIDENTAL RELEASE MEASURES

- Wear suitable protective clothing and gloves (S36/37)
  - Wear suitable respiratory protection
  - Use appropriate containment to avoid environmental contamination (S57)
  - Sweep or shovel-up spillage and remove to a safe place
  - Wash spill site with water and detergent
- 

#### 7.1 HANDLING

- Use only in well ventilated areas (S51)
  - Do not breathe dust (S22)
  - Do not allow dust to accumulate on surfaces and equipment
  - See Section 6 AND 8.1
- 

#### 7.2 STORAGE

- Keep container tightly closed and dry (S7/8)
  - Keep in a cool, well ventilated place
- 

#### 8.1 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Wear suitable protective clothing and eye/face protection (S36/39)
  - Wear suitable respiratory equipment
- 

#### 8.2 EXPOSURE LIMITS

---

9 PHYSICAL AND CHEMICAL PROPERTIES

- Solid, red, soluble in water
- Odourless
- May cause a dust explosion
- Boiling point - not applicable
- Melting point - not known
- pH 6.0 - 9.0 at 1 % concentration
- Bulk density 0.5 g/cm<sup>3</sup>
- Vapour pressure - not applicable
- Water solubility APPROX 100 g/l
- Viscosity - not applicable

10 STABILITY AND REACTIVITY

- Stable
- Reacts with oxidizing substances
- Reacts with reducing agents

11 TOXICOLOGICAL INFORMATION

- LD50 (oral, rat) >8000 mg/kg

12 ECOLOGICAL INFORMATION

- No information available

13 DISPOSAL CONSIDERATIONS

- Disposal should be in accordance with local, state or national legislation

14.1 TRANSPORT REGULATIONS

PROPER SHIPPING NAME:

UN

UN No.	:	Hazard Class	:
Packing Group	:		

Road/Rail (ADR/RID)

ADR UN No.	:	ADR Hazard Class	:
ADR Item no.	:	ADR/RID No.	:
Tremcard	:		

14.1 TRANSPORT REGULATIONS

Sea (IMDG)

IMDG UN No.	:	IMDG Hazard Class	:
IMDG Page No.	:	IMDG Pack. Group	:
IMDG EmS	:	IMDG MFAG	:

Air (ICAO/IATA)

ICAO UN No.	:	ICAO Hazard Class	:
ICAO Packing Group	:		

14.2 TRANSPORT INFORMATION

- Not hazardous

15 REGULATORY INFORMATION

- The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

15.1 RISK PHRASES

15.2 SAFETY PHRASES

16 OTHER INFORMATION

This MSDS complies with EEC Commission Directive of 5.3.91. The information contained herein is for health and safety guidance only and does not constitute a specification. It is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable laws and regulations. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.

# KemTec Manufacturing Ltd

KE 25

So 25  
AN985

## MATERIAL SAFETY DATA SHEET AND COSHH REGULATIONS

PRODUCT **STERILITE**

O.E.L.

S.I. No.

HAZARDOUS CHEMICAL CONSTITUENTS	(PPE/MS) OCCUPATIONAL EXPOSURE STANDARDS	HEALTH HAZARD DATA
Chlorophen 5%		CONTACT WITH SKIN: Negligible risk
Sodium Hydroxide 2%		CONTACT WITH EYES: Irritation
Diphenyl Methane		INGESTION: (swallowing) Possible Irritation
		INHALATION: Negligible risk.
PHYSICAL PROPERTIES		FIRST AID
PHYSICAL STATE: Liquid		SKIN: In the unlikely event that prolonged contact may cause slight irritation' apply a soothing cream or lotion. EYES: Wash eyes with plenty of water.
APPEARANCE: Moderately viscous pale amber liquid, with very low odour		
BOILING POINT: 100°C		INGESTION: (swallowing) Drink water or milk. Do not induce vomiting. Seek medical advice.
S.G.: 1.03 - 1.05		
pH (conc): 7.0-7.5		INHALATION: Remove subject to fresh air. If irritation or discomfort persists seek medical attention.
SOLUBILITY: dilutable in water.		
CAN PRESSURE: N/A		
REACTIVITY DATA		HANDLING/STORAGE
CONDITIONS TO AVOID: Do not mix with other chemicals.		GENERAL: This product does not normally 'present' any hazards in handling or use. PERSONAL: The use of a barrier cream and/or ' rubber gloves will prevent irritation.
MATERIALS TO AVOID: Any alkalis.		
HAZARDOUS DECOMPOSITION PRODUCTS: None known.		STORAGE: Protect from extremes of temperature' Storage life in unopened containers' is in excess of 12 months
FIRE / EXPLOSION HAZARD DATA		
FLASH POINT: N/A		TREATMENT FOR SPILLAGES: Flush to drain with plenty of water.
EXTINGUISHING MEDIA: N/A		
SPECIAL FIRE FIGHTING PRECAUTIONS: N/A		WASTE DISPOSAL: Flush to drain with plenty of water
UNUSUAL FIRE & EXPLOSION HAZARDS: Not needed.		
TO DOCTOR: Product is a dishwashing/general purpose detergent.		GARMENT CONTACT: Launder before re-use
OTHER RELEVANT INFORMATION		
In case of emergency telephone 051 549 1559 Under the CPL regulations sterilite is not classified as a dangerous substance.		
In accordance with our policy of continuing product development, we reserve the right to alter or amend any specification without prior notice.		