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SAFETY DATA SHEET

3188	CALYPSO RED MULTI-COLOUR
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1. Identification of substance/preparation and of the company undertaking	
Trade Name:	Calypso Red Multi Colour
Chemical Name:	

2. Composition /information on ingredients		
CAS- No	Common Name	
102184-95-2	Inclusion pigment with CdS/Se	
14940-68-2	Zircon	
Hazardous Ingredients		
Weight %	CAS- No	Common Name
15.0-40.0	14940-68-2	Zircon

3. Hazards Identification
No labelling with symbols (T+, T, C, Xn or Xi) refer to EEC- regulations. If applicable look for special information in other sections.

4. First Aid Measures	
General remarks:	In case of poisoning, refer to section 2 for information on hazardous ingredients.
Inhalation:	Bring affected persons out of danger area. Keep warm in a comfortable position and cover with blanket.
Skin contact:	With continuous skin irritation, consult doctor.
Eye contact:	Rinse thoroughly immediately with plenty of water for at least 5 minutes keeping eyelid open.
Ingestion:	Have patient drink plenty of water in small sips. Supply with medical care.
Instructions for physician:	Therapy (treatment and/ or prevention to be given in accordance with the content of harmful substances.



5. Fire Fighting Hazards	
Suitable extinguishing media:	All quenching agents suitable.
Special exposure hazards arising from the substances or preparation itself, combustion products, resulting gases:	Do not inhale explosive gases or smoke fumes.

6. Accidental Release Measure	
Personal Precautions:	Keep persons at a distance and stay on the weather side.
Environmental precautions:	Dispose of waste in accordance with the legal regulations issued by the appropriate local and national authorities. Prevent penetration into soil, stretches of water and drainage systems.
Methods of cleaning up:	Absorb mechanically and collect in a suitable container.
Further information:	Avoid formation of dust.

7. Handling & Storage	
Handling:	Avoid formation of dust; suction of objects if necessary.
Storage:	Keep container dry and tightly sealed- even empties. Product is slightly water-pollutive. Observe the national and local regulations concerning handling and storage.

8. Exposure Control/Personal Protection		
Additional instructions for technical installation. When processing the product, the air in the workplace should be regularly monitored and employees exposed to the product should be given a regular medical check- up.		
Ingredients with threshold limit values:		
Specific information referring to lead:		
In accordance with current information a risk of embryonic damage is likely in pregnant women. Damage cannot be excluded even when the special limit values of TLV tolerance value are observed.		
Values of maximum admissible concentration (MAK):		
ml/m ³	5.0000	mg/m ³ referring to zircon (G).
ml/m ³	5.0000	mg/m ³ referring to zirconium (G).
General protection:	Wash face/ hands before break and end of work.	
Respiratory protection:	If maximum admissible concentration value at the workplace is exceeded, apply ref. to BS 2091 Dust: B.	
Eye protection:	The usual precautionary measures for dealing with chemicals should be observed.	
Skin protection:	No particular protective equipment required, excepted sensitising substances.	
Hand protection:	No particular protective equipment required, excepted sensitising substances.	



9. Physical & Chemical Properties	
Physical state:	Solid
Colour:	Red
Odour:	Not applicable

10. Stability & Reactivity	
Conditions to avoid:	No dangerous reactions are known to occur with correct handling and storage.
Materials to avoid:	None.
Hazardous decomposition products:	None.

11. Toxicological Information	
Immediate effects, data for substance (or effects of certain components in preparation):	Specific information for this product is not available.
Chronic effects from short and long- term exposure:	Specific information for this product is not available.
Human:	To date handling this product has not been known to cause any detrimental effects.

12. Ecological Information
Data for elimination (persistence and degradability). Mechanically separable in water treatment plants. Behaviour in environmental compartments. Product is slightly water- pollutive. Ecological effects: Product not investigated.

13. Disposal Considerations
Look for community provisions relating to waste. National or regional provisions may be in force. Product (substance or preparation)
Surface waste site for specially controlled waste or underground waste site for specially controlled waste in salt deposit.

14. Transport Information	
Dangerous goods regulations	RID/ADR/IMDG- Code/ ICAO- TI: No
Land transport ADR/ RID (Interstate/ intrastate)	Not restricted.
Inland navigation ADN	For inland navigation consultation necessary.
Sea transport IMDG	Not restricted
Air transport ICAO- TI and IATA- DGR	Not restricted



15. Regulatory Information
Information on the label according to the Directives of the EEC. Symbol(s) and indication(s) of danger:
Hazardous ingredient(s) for labelling, containing: lead in compounds and frits.
R- phrases:
S- phrases
Any other national measures that may be relevant (ref. Annex II Directive 88/379/EEC)
The safety data sheet is produced considering new directives of the EEC. Missing or differing labelling may occur during the transitional stage until all countries take over these regulations in their national jurisdiction.
Water pollution class 1. (according VwVwS, annex 2).
16. Other Information
The data presented here corresponds to the present state of our knowledge and experience and are intended to describe our product with respect to possible safety demands. We imply with this however no guarantee of properties or description of qualities.