



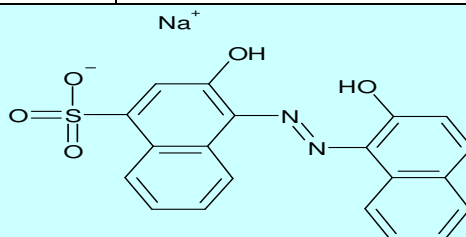
SDFCL
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Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID:PS23120XPS.xls
PRODUCT CODE	23120
PRODUCT NAME	SOLOCHROME DARK BLUE (M.I.)
SYNONYMS	(Eriochrome blue black R;Mordant black 17;Palatine chrome black 6BN;Calcon (M.I.))
C.I. NO.	15705
CASR NO.	(2538-85-4)
ATOMIC OR MOLECULAR FORMULA	C ₂₀ H ₁₃ N ₂ NaO ₅ S
ATOMIC OR MOLECULAR WEIGHT	416.39
PROPERTIES	Metal ion indicator



PARAMETER	LIMIT
Description	Dark red/reddish purple to brown powder.
Solubility	0.1% solution in water should be clear.
Identification (By UV-VIS)	Passes test.
Dye content (Titanometry; on dried substance)	Min. 45.0%
Absorption maximum λ max (buffer pH 12.2, on dried sub.)	632 – 636 nm
Absorptivity (A1% / 1 cm at λ max. 0.0015%; buffer pH 12.2; on dried subs.)	200 - 300

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110 °C)	10.0%
Suitability as metal ion indicator.	Passes test.

Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention : ----- Response : ---	IMDG Code :-- UN No. :-- IATA :--
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Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :--

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 03
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

