



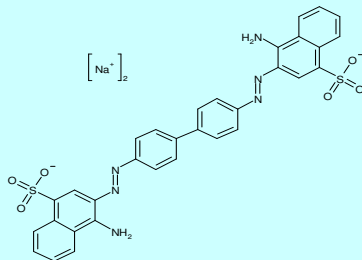
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Quality Control Dept.



Product Specification

E Control	QC2\DATAD\DA\PS\30025XPS.xls
PRODUCT CODE	30025
PRODUCT NAME	CONGO RED pH INDICATOR
SYNONYMS	--
C.I. NO.	22120
CASR NO.	(573-58-0)
ATOMIC OR MOLECULAR FORMULA	C ₃₂ H ₂₂ N ₆ Na ₂ O ₆ S ₂
ATOMIC OR MOLECULAR WEIGHT	696.68
PROPERTIES	Soluble in water and alcohol, insoluble in ether, odourless, decomposes on exposure to acid fumes.



PARAMETER	LIMIT
pH Transition Range	pH 3.0 - 5.2 Violet - Orange Red
Absorption maximum λ1 (pH 3.0)	563 - 568 nm
Absorption maximum λ2 (pH 5.2)	484 - 489 nm
Absorptivity (A1%/1 cm at λ1, pH 3.0 on dried substance)	> 150
Absorptivity (A1%/1 cm at λ2, pH 5.2 on dried substance)	> 200
Loss on drying (at 110°C)	Max. 5.0%
MAXIMUM LIMIT OF IMPURITIES	

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

DANGER

Hazard statements: Causes eye irritation. May cause CANCER. Suspected of damaging the unborn child. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash hands thoroughly after handling. Use personal protective equipment as required.

Response: If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IMDG Code :
UN No. :
IATA :

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



Aspiration hazard



Aquatic environment

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.: 01
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

