



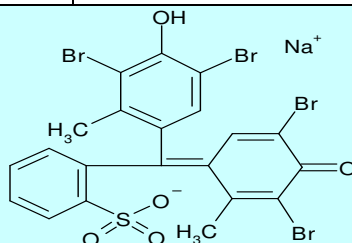
SDFCL
s d fine-chem limited

Quality Control Dept.



Q Product Specification

E Control	QC2\DATAD\D:\PS\30013XPS.xls
PRODUCT CODE	30013
PRODUCT NAME	BROMOCRESOL GREEN SODIUM SALT ACS (pH INDICATOR)
SYNONYMS	3',3'',5',5''- Tetrabromo-m-cresolsulfonphthalein sodium salt; 4,4' - (3H-2,1-Benzoxathiol-3-ylidene) bis-[(2,6-dibromo-3-methyl) phenol] S,S-Dioxide sodium salt
C.I. NO.	--
CASR NO.	(62625-32-5)
ATOMIC OR MOLECULAR FORMULA	C ₂₁ H ₁₃ Br ₄ NaO ₅ S
ATOMIC OR MOLECULAR WEIGHT	720.00
PROPERTIES	---



PARAMETER	LIMIT
Visual Transition interval	pH 3.8 to 5.4 Blue. Yellow -
Clarity of solution	To pass the test.
Absorption maximum λ1 (pH 3.8) λ2 (pH 5.4)	438 - 443 nm 615 - 618 nm
Absorptivity (A1% / 1 cm at λ1;(pH 3.8) on dried substance)	240 - 270
Absorptivity (A1% / 1 cm at λ2; (pH 5.4) on dried substance)	530 - 570
Loss on drying (at 110°C)	Max. 5.0%
MAXIMUM LIMIT OF IMPURITIES	
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Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements : May cause respiratory irritation. Causes eye irritation. May damage the unborn child.

Precautionary statements

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

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

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) :



Skin irritation



Aspiration hazard

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.: 02

Sign. :	Sign. :	Sign. :	Revision dt. : 06.10.2010
Date : 05.10..2010	Date : 05.10.2010	Date : 06.10.2010	AMEND NO. :1563

