



SDFCL
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Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DI\PS\20321XPS.xls		
PRODUCT CODE	20321		
PRODUCT NAME	DIGOL AR		
SYNONYMS	Diethylene glycol		
C.I. NO.	N/A		
CASR NO.	111-46-6		
ATOMIC OR MOLECULAR FORMULA	(HOCH ₂ CH ₂) ₂		
ATOMIC OR MOLECULAR WEIGHT	106.12		
PROPERTIES	Extremely hygroscopic, Combustible.		
HO-CH₂-CH₂-O-CH₂-CH₂-OH			
PARAMETER	LIMIT		
Description	A clear viscous liquid, colour not more than 10 Hazen units.		
Solubility	Miscible with water forming clear and colourless solution.		
Minimum assay(By GC)	99.0%		
Wt.per ml at 20°C	1.115 - 1.117 g		
Freezing point	Min. - 9°C		
Refractive Index(n) _D ²⁰	1.446 - 1.447		
MAXIMUM LIMIT OF IMPURITIES			
Water	0.2%		
Sulphated ash	0.01%		
Copper (Cu)	0.00005%		
Iron (Fe)	0.00005%		
Lead (Pb)	0.00005%		
Note(s) : Assay (if applicable) method mentioned.			
DANGER HAZARD STATEMENTS : May cause drowsiness and dizziness. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation. May damage the unborn child. PRECAUTIONARY STATEMENTS : Prevention : Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Response : If eye irritation persists, get medical advice/attention. If exposed or concerned: Get medical attention advice. If skin irritation occurs, seek medical advice/attention. Specific treatment: refer to Label or MSDS. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.			IMDG Code :--- UN No. :--- IATA :---
Hazard pictogram(s) :			
 Skin irritation  Aspiration hazard			
Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	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. : 16/08/2010
Date : 13/08/2010	Date : 13/08/2010	Date : 16/08/2010	AMEND NO. : P062