

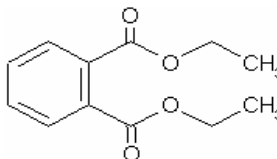


SDFCL
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Quality Control Dept.

Product Specification

E Control	QC2\DATA\ID\PS\38142XPS.xls		
PRODUCT CODE	38142		
PRODUCT NAME	DIETHYL PHTHALATE (Meets analytical specification of USP-NF)		
SYNONYMS	Ethyl phthalate, Phthalic acid diethyl ether		
C.I. NO.	N/A		
CASR NO.	84-66-2		
ATOMIC OR MOLECULAR FORMULA	C ₁₂ H ₁₄ O ₄		
ATOMIC OR MOLECULAR WEIGHT	222.24		
PROPERTIES	Insoluble in water. Combustible		
			
PARAMETER	LIMIT		
Description	Clear and odourless liquid, colour less than 10 Hazen.		
Solubility	Miscible with alcohols, ketones, esters & aromatics hydrocarbons.		
Identification (By FTIR)	Conforms		
Minimum assay(By GC)	99.0%		
Wt. per ml at 20 °C	1.118 - 1.122 g		
Refractive index(n) _D ²⁰	1.500 - 1.505		
MAXIMUM LIMIT OF IMPURITIES			
Acidity	Conforms		
Water	0.2%		
Residue on ignition	0.02%		
Note(s) : Assay (if applicable) method mentioned.			
WARNING HAZARD STATEMENTS : Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Suspected of damaging fertility or the unborn child. Toxic to aquatic life. Harmful to the soil environment. Harmful to terrestrial vertebrates PRECAUTIONARY STATEMENTS : Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/ attention. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If eye irritation persists: Get medical advice/attention. Disposal : 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) :			
 Aspiration hazard			
Prepared By : MANISH PATEL	Checked By: K.B.DESAI	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Sr.Officer (Q.A.)	Name/Dept. : Incharge(Q.A.)	Name/Dept. : Incharge(Tech.)	Revision No. : 02
Sign. :	Sign. :	Sign. :	Revision dt. : 10/11/2011
Date : 02/11/2011	Date : 02/11/2011	Date : 10/11/2011	AMEND NO. : P082