



SDFCL
s d fine-CHEM limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\DA\PS\20927XPS.xls
PRODUCT CODE	20921
PRODUCT NAME	DIBUTYL ETHER AR
SYNONYMS	Butyl ether
C.I. NO.	N/A
CASR NO.	142-96-1
ATOMIC OR MOLECULAR FORMULA	C ₈ H ₁₈ O
ATOMIC OR MOLECULAR WEIGHT	130.23
PROPERTIES	Mild ethereal odour, Tends to form explosive peroxides, especially when anhydrous.



PARAMETER	LIMIT
Description	Clear colourless liquid with < 10 APHA.
Solubility	10% Solution in ethanol is clear & colourless.
Identification (By FTIR)	Conforms
Minimum assay (By GC)	99.5%
Wt. per ml at 20°C	0.767 – 0.769 g
Refractive index (n) _D ²⁰	1.3978 – 1.3998
MAXIMUM LIMIT OF IMPURITIES	
Non volatile matter	0.002%
Acidity (CH ₃ COOH)	0.001%
Peroxide (as H ₂ O ₂)	0.001%
Water	0.1%
Stabiliser (BHT)	~ 0.012%

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

WARNING

HAZARD STATEMENTS : May cause respiratory irritation. Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention : Use only non-sparking tools. Take precautionary measures against static discharge. Ground/bond container and receiving equipment. Wash thoroughly after handling. Wash hands thoroughly after handling. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection. Use explosion-proof electrical/ventilating/lighting/equipment.

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Remove/Take off immediately all contaminated clothing. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.

Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : 3/III
UN No. : 1149 IATA
: 3

Hazard pictogram(s) :



Skin irritation Flammable liquids

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 18/01/2007
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