SDFCL

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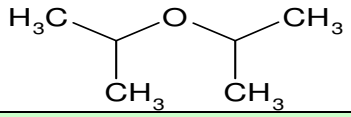
Quality Control Dept.

Product Specification

E Control	QC2\DATAD\D:\PS\38268XPS.xls
PRODUCT CODE	38268
PRODUCT NAME	DI-ISOPROPYL ETHER LR
SYNONYMS	Isopropyl ether
C.I. NO.	N/A
CASR NO.	108-20-3
ATOMIC OR MOLECULAR FORMULA	$[(CH_3)_2CH]_2O$
ATOMIC OR MOLECULAR WEIGHT	102.18
PROPERTIES	Somewhat similar to ethyl ether in properties but does tend to form peroxides more readily than ethyl ether. Consequently, the presence or absence of perisopropyl- oxides should be determined; if present, they should be destroyed with sodium sulfite before distillation.



PARAMETER	LIMIT
Description	A clear colourless liquid.
Solubility	1% Solution in water is clear and colourless.
Minimum assay(By GC)	98.0%
Wt.per ml at 20℃	About 0.725 g
Refractive Index $(n)_D^{20}$	1.367 - 1.369

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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Causes mild skin irritation. Causes eye irritation.

PRECAUTIONARY STATEMENTS :

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

Response : If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. 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 on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction.

Disposal : Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.

IMDG Code : 3/II
UN No. : 1159
IATA : 3

Hazard pictogram(s) :

Skin irritation

Flammable liquids

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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