



Product Specification

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DI-ISO-PROPYL ETHER

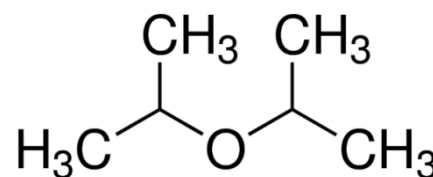
PRODUCT CODE	078925
SYNONYMS	Isopropyl ether
C.I. NO.	N/A
CASR NO.	108-20-3
ATOMIC OR MOLECULARFORMULA	$[(CH_3)_2CH]_2O$

ATOMIC OR MOLECULARWEIGHT

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	Miscible with most common organic solvents
Minimum assay (By GC)	98.0%
Refractive Index (n_D^{20})	1.367 - 1.369
Wt. per ml at 20°C	About 0.725 g

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.

Hazard Pictogram(s) :---

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



GHS02



GHS07

Replace Date 29-May-2023