

SYSTEM
Specification

PRODUCT NAME : Iso Propyl Alcohol, ChemAR[®]
(2-Propanol)
CATALOGUE NUMBER : PR315-50
FORMULA : C₃H₈O
MOLECULAR WEIGHT : 60.10
CAS. NUMBER : [67-63-0]

IMDG class : 3 UN No: 1219 Packaging group : II

HAZARD STATEMENT:

H225,H319,H336

PRECAUTIONARY STATEMENT:

P210,P280,P305+P351+P338

Risiko (Risks):R11,R36,R67

Keselamatan (Safety): S7,S16,S24/25,S26

| | <u>Specification</u> | |
|--|----------------------|------|
| Assay(GC) | min.99.7 | |
| Identity IR Spectrum | passes | test |
| Free acid(as CH ₃ CH ₂ CH ₂ COOH) | max.0.002 | % |
| Aluminium(Al) | max.0.00005 | % |
| Barium(Ba) | max.0.00001 | % |
| Boron(Bo) | max.0.000002 | % |
| Calcium(Ca) | max.0.00005 | % |
| Cadmium(Cd) | max.0.000005 | % |
| Cobolt(Co) | max.0.000002 | % |
| Chromium(Cr) | max.0.000002 | % |
| Copper(Cu) | max.0.000002 | % |
| Iron(Fe) | max.0.00001 | % |
| Lead(Pb) | max.0.00001 | % |
| Magnesium(Mg) | max.0.00001 | % |
| Manganese(Mn) | max.0.000002 | % |
| Nickel(Ni) | max.0.000002 | % |
| Tin(Sn) | max.0.00001 | % |
| Zinc(Zn) | max.0.00001 | % |
| Water | max.0.1 | % |
| Acetone(GC) | max.0.01 | % |
| Ethanol(GC) | max.0.01 | % |
| Methanol(GC) | max.0.1 | % |
| Carbonyl compounds(as CO) | max.0.005 | % |
| Substances discoloured by H ₂ SO ₄ | passes | test |
| Residue on evaporation | max.0.001 | % |
| Wt/ml at 20 ^o C | 0.78g | |
| Melting point: | -89 ^o C | |
| Boiling point: | 82 ^o C | |
| Flash point: | 12 ^o C | |

Confirms to ACS, Reagent.



This document has been produced electronically and is valid without a signature