

## Technical Specification

Product name: <b>iso-propyl alcohol</b>	
	Revision date: <b>2023-03-01</b>
Chemical name/Composition: <b>2-propanol, isopropanol, IPA.</b>	
INCI name:	

Parameters:	Specification limits:	Method:
Water content, %(m/m)	<= 0,1	
Acid content as acetic acid, %(m/m)	<= 0,001	
Isopropyl alcohol content, %(m/m)	>= 99,8	
Colour at Pt-Co scale, Hazen	<= 10	
Density at 20°C, g/cm <sup>3</sup>	0,784 - 0,788	
Appearance - characteristics	clear	
Appearance - colour	colorless	
Appearance - physical state	liquid	
Miscibility with water	miscible	
Refractive index (20°C)	1,376 - 1,378	
Distillation range - initial boiling point, °C	>= 81,3	
Distillation range - dry point, °C	<= 83,3	
Non-volatile matter content, g/100ml	<= 0,001	

### Transport information:

ADR/RID Class: **3**

Classification code ADR: **F1**

Labels: **3**

UN number: **1219 Isopropanol (isopropyl alcohol)**

### Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store in temperatures: 5°C to 25°C Keep away from heat, flame sparks and other ignition sources. Protect from direct sunlight. Store away from incompatible materials (see section 10 of MSDS). Keep away from food, drink and animal feed. Suitable Materials and Coatings: Mild steel. Stainless steel. Unsuitable Materials and Coatings: Natural rubber. Butyl rubber. Neoprene. Nitrile rubber.

Avoid eyes, skin and clothing contamination. Ensure suitable ventilation. Do not breathe vapours. Smoking, eating and drinking should be prohibited in the application area. Wash hands before every break and after work. Remove and wash contaminated clothing before re-use. Eliminate all source of ignition. No smoking. Do NOT use compressed air for filling, discharging, or handling. Take precautionary measures against static discharges. Store in a warehouse with explosion protection light system. No cutting, drilling, grinding and/or welding is allowed on containers/tanks which have not been cleaned.

### Shelf life (days):

360

### Remarks:

Technical quality product. It cannot be used as a biocidal active substance.

This product can neither be used as ingredient in the manufacturing of food/feed/pharmaceutical products. The use of the product is in the responsibility of the purchaser.

Any information contained herein is based on our current knowledge and does not release the customer from undertaking his own examinations.