

# ISOPROPYL ALCOHOL

(ALCOHOL ISOPROPILICO)

## Línea Solventes

Catálogo de productos CONTYQUIM® | 2023

### CHARACTERISTICS

It is a liquid, colorless, strong-smelling, volatile, and flammable chemical compound. It is both a weak acid and a weak base, like water, depending on the pH of the solution and/or the presence of a stronger acid or base than itself.

### GENERAL OVERVIEW

NAME	CAS #	SYNONYM	FORMULA	PRESENTATION
Isopropyl alcohol	67-63-0	Alcohol isopropilico, Isopropanol, carbinol dimetilico, 2-propanol	C3H8O	1 L CM 19 L CM 20 L TM 200 L



### SPECIFICATIONS AND METHOD OF ANALYSIS

TYPE OF ANALYSIS	SPECIFICATIONS	METHOD
Appearance	Clean colorless liquid	visual
Color (Pt-Co)	10 max.	MA-28
Specific gravity 20°C	0.785 - 0.787	MA-03
Solubility, %	100	Interno
Purity, %	99.8 min.	MA-01
Acidity, %	0.002 max.	intern
Non volatile matter	0.001 max.	intern

#### Stowage and Storage

MATERIAL	Poliétileno
PESO TOTAL (LBS.)	77
CAP. DE CARGA (LBS.)	6,000
CAP. DE DERRAME	73 gal.
DIMENSIONES LARGO x ANCHO x ALTO	49 x 49 x 11"

Estiba Máxima: 2 Cama  
Cálculo / Envases: 50 LT (máx.)  
Apilar en Tarima: Plástica o Madera

### USES

Isopropyl alcohol is a solvent and intermediate in the production of chemicals. It is also used as a rubbing-alcohol antiseptic when mixed with water. In industry, it is used as a solvent for the instant manufacture of cements, primers, paints, and varnishes. In cosmetics, it is used in aftershave lotions, hand lotions, and other cosmetics. As a disinfectant for wiping down the surfaces of furniture and shelves in the operating room. In industry, it is used as an inexpensive solvent for cosmetics, drugs, shellacs, and gums, as well as for denaturing ethanol.

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## HANDLING AND SAFETY

The operator handling the product is recommended to use personal protective equipment, including a mask against organic vapors, gloves, safety glasses and shoes, cotton clothing and apron. Additionally, they must be trained in lifting loads according to NOM-036-1-STPS-2018 - DOF, maintaining correct lifting postures and industrial safety.

## HANDLING, TRANSPORT AND STORAGE CONDITIONS

Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods. Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used. Transfer in well-ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems and with the minimum requirements for protecting the security and health of workers.

Technical measures for storage

- Minimum Temp.: 5 °C
- Maximum Temp.: 30 °C
- Maximum time: 12 Months

Avoid sources of heat, radiation, static electricity, and contact with food. For additional information see subsection

## OBSERVATIONS

The information contained in this document is a true copy of the manufacturer's or distributor's technical data sheet prepared according to CONTYQUIM's criteria. It contains useful technical information about the product. It is the user's responsibility to follow and keep in mind the information to achieve the best quality and durability of the product.

Contactanos: 