

IS 11686: 1997, Isopropyl Alcohol, Food Grade

Food Grade Isopropyl Alcohol (IPA) is a high-purity chemical used in various industries, meeting the standards of IS 11686: 1997. This summary provides essential information for safe handling, storage, and usage.

The major applications of the product are in following area:

1. Food Processing and Preservation: Sanitizes equipment, surfaces, and utensils.
2. Pharmaceuticals: Used as a solvent, cleaning agent, and disinfectant.
3. Cosmetics: Hand sanitizers, cleaning agents, and personal care products.
4. Disinfectant and Sanitizer: Hospitals, clinics, and healthcare settings.

Standard prescribes requirements such as Purity, Relative density, Colour, Water Content, Acidity (as Acetic Acid), Non volatile matters, Acetaldehyde & Ketones, Heavy metals etc.

The Isopropyl Alcohol shall be securely packed in well-fitted containers with minimum access to air and light. The containers shall be such as to preclude contamination of the contents with metals or other impurities.

The standards specify the storage in a cool and dry place so as to avoid excessive exposure to heat. The marking on container with Name of the material including the words 'Food Grade'; Name and address of the manufacturer; Net content when packed; Batch or code number; Instructions for storage; Expiry/best before date; and Any other requirements as specified under the Standards of Weights and Measures (Packaged Commodities) Rules, 1977 and Prevention of Food Adulteration Rules, 1955 has also been specified.