



Acetone

2-Propane, Dimethyl Ketone DMK



Description

Acetone is a low boiling, fast evaporating, colorless stable liquid. It has excellent solvency power for a number of resins and is an effective low boiling solvent for surface coatings applications.

Physical properties

Molecular Weight	58.08
Relative Evaporation Rate nBuAc=1	14.4
Vapor Pressure at 20°C, mmHg	185
Density at 20°C lb/gal	6.60
Specific Gravity at 20/20°C	0.7917
Viscosity at 20°C cP	0.33
Surface Tension	
(dynes/cm at 20°C)	-
(dynes/cm at 25°C)	23.1
Hansen Solubility Parameters	
Total	9.8
Non-Polar	7.6
Polar	5.1
Hydrogen Bonding	3.4
Boiling Point, °C at 760mm Hg	56.3
Freezing Point, °C	-94.7
Solubility at 20°C	
%Wt In Water	100
%Wt Water in	100
Closed Cup Flash Point °F	-
SARA 313 (see note 1†)	N
Hazardous Air Pollutant (see note 2††)	N
Electrical Resistivity MΩ	<0.01

† **Note 1:** Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Section 313

†† **Note 2:** Hazardous Air Pollutants listed under Title III of the Clean Air Act

Classification/Registry Numbers

CAS Number	67-64-1
EINECS	200-622-2

(Please see second page)

Acetone

2-Propane, Dimethyl Ketone

DMK

Features

- Excellent solvent for most natural and synthetic resins (acrylics, vinyl, nitrocellulose, cellulose acetate)
- Good solvent for most waxes, oils, fats, greases and dye materials
- Ideally suited for extraction
- Not a VOC

Applications

- Printing inks
- Adhesives
- Pharmaceutical
- Cleaning fluids
- Solvent for extraction of oils from bones, fish and seeds
- Acetate rayon solvent
- Smokeless powder
- Artificial leather
- Paint remover
- Absorbent for compressed acetylene
- Chemical intermediate (methacrylate resins, Bisphenol A, pharmaceuticals)

How supplied

Region	Packaging	Transport Mode
North America	Bulk	Tank Truck/Tank Car

The Dow Chemical Company
Danbury, Connecticut 06817 U.S.A.

In the United States and Canada, Product Information: 1-800-447-4369; Fax: 1-989-832-1465; Technical Support: 1-800-SOLVENT
In Europe: +800 3 694 6367; Toll Phone: +32 3 450 2240; Toll Fax: +32 3 450 2815
In the Pacific: +800 7776 7776; Fax: +800 7779 7779
In Other Global Areas: 1-989-832-1556; Fax: 1-989-832-1465

NOTICE: No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

