



Trade name **ACETONE - P**

Chemical Name 2-PROPANONE

Chemical Structure CH₃C(O)CH₃



Molecular Formula C₃H₆O

Molecular Weight 58.1

CAS No. 67-64-1

EINECS No. 200-662-2

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	5 max.	JIS K 0071
	Specific Gravity (20/20°C)		0.791 - 0.793	JIS K 0061
	Purity	Wt %	99.0 min.	JIS K 0114
	Water Content	Wt %	0.20 max.	JIS K 0068
	Nonvolatile Matter	g/100ml	0.001 max.	JIS K 0067
	Free Acid (as acetic acid)	%	0.002 max.	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point	°C	56.1
	Specific Gravity (20/20°C)		0.791
	Melting Point	°C	-95.0
	Refractive Index (n _D ²⁰)		1.356
	Viscosity (15°C)	mPa·s	0.34
	Flash Point (closed cup)	°C	-20
	Vapor Density (Air=1)	°C	2.0
	Explosion Limits	Vol%	2.6 – 12.8
	Ignition Point	°C	465
	Solubility (in Water 20°C)	g/100g	Completely Soluble
	Specific Heat	J/mol·K	126.66

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Kyowa Hakko Chemical Co., LTD. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or any process. Kyowa Hakko Chemical Co., LTD. assumes no legal responsibility for use of or reliance upon this information.

Health Hazards	Acute toxicity data on ACETONE-P			
	Acute Toxicity	LD50(oral)	rat	5g/Kg
Emergency and First Aid Procedure	1)Skin Contact	Remove contaminated clothing. Wash the affected area with plenty of clean water and soap. If irritation develops, see a physician.		
	2)Eye Contact	Flash eyes with plenty of clean water for at least 15 minutes while holding eyelids open. If irritation develops, see a physician.		
	3)Inhalation	If a large amount is inhaled, remove individual(s) to fresh air.		
Storage	Tighten the cap of container and store in a cool, dry, well-ventilated, storage area of cabinet.			
Extinguishing Media	Water spray, Dry chemicals, Protein type air foams or carbon dioxide.			
Packing	20MT	ISO-Container		
	160Kg	Steel drum with Polyethylene Inner Container / Plastic Drum		

Kyowa Hakko Chemical Co.,Ltd.	Kyowa Hakko USA, Inc	Kyowa Hakko Europe GmbH	Kyowa Hakko Industry (Singapore) Pte. Ltd.
3-2-15 Nihonbashi-Muromachi, Chuo-ku, Tokyo, 103-0022, Japan Tel: +81-3-3510-3552 Fax: +81-3-3510-3571	767 Third Avenue, 19th Fl. New York, NY 10017, USA Tel: +1-212-319-5353 Fax: +1-212-421-1283	Immermannstr. 3 D-40210 Dusseldorf Germany Tel: +49-211-17-728-0 Fax: +49-211-17-728-41	260 Orchard Road #12-04 The Heeren, Singapore 238855 Tel: +65-6733-4948 Fax: +65-6733-0819

Kyowa Hakko Chemical Co.,Ltd.
Shanghai Representative Office
8 Xingyi Road MaxDo Bldg., Room 908, Changning District, Shanghai 200336, China
Tel: +86-21-5208-0009
Fax: +86-21-5208-0130

Home page

www.kyowachemical.co.jp

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Kyowa Hakko Chemical Co., LTD. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or any process. Kyowa Hakko Chemical Co., LTD. assumes no legal responsibility for use of or reliance upon this information.