

Acetone

1. IDENTIFICATION

CHEMICAL NAME: Propanone

TRADE NAME: Acetone

CHEMICAL FORMULA: C₃H₆O

MOLECULAR WEIGHT: 58,08

CAS No.: 67-64-1

EINECS No.: 200-662-2

OTHER NAMES: Propan-2-one

2. FEATURES

PHYSICAL AND CHEMICAL PROPERTIES	UNIT	VALUE	
		Min	Max
Purity	%	99.6	
Colour	° Hazen		10
Water	%		0.3
Density (at 15,5°C)	-	0.796	0.798
Evaporation Residue	mg/l		15
Permanganate time	min	150	
Acidity (as acetic acid)	ppm		20
Distillation (starting point)	°C	55.8	
Distillation (end point)	°C		56.6
Benzene	ppm		5
Mesityl oxide	ppm		50
Cumene	ppm		50
Diacetone alcohol (DAA)	ppm		150
Appearance	Clear and free of particulate matter.		

3. APPLICATION

- Laboratories and chemical production.