

Кетоны

Технические характеристики

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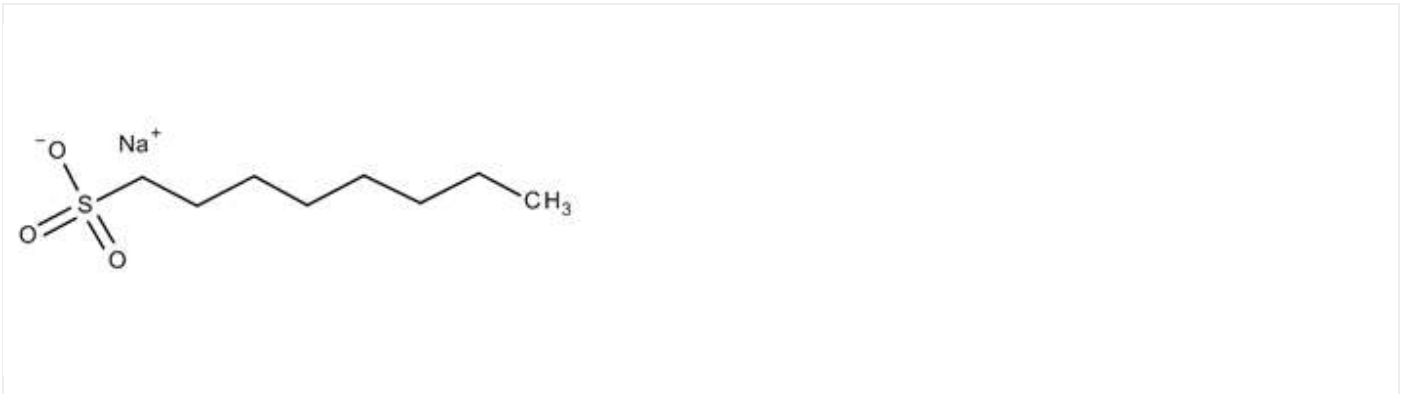
Киргизия +996(312)96-26-47

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1-OCTANE SULPHONIC ACID SODIUM SALT ANHYDROUS 99% AR/HPLC

Sodium 1-octanesulfonate anhydrous

Product Code.	01882	Grade	
Purity	99%	CAS No.	5324-84-5
Molecular Formula	C8H17NaO3S	Molecular Weight	216.28
H.S.Code	2904.10900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	pH value	5.5 - 7.5
Melting point/ Freezing point [°C]	300 °C	Solubility in water [% weight]	Soluble in water		

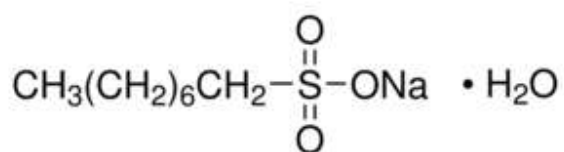
Specification

Appearance	A white crystalline powder
Assay (acidimetric; on anhydrous basis)	Min 99%
Identity (IR)	Conforms
pH (10% solution)	5.5 - 7.5
UV transmittance (0.005 mol/L; 1cm; water)	
at 200 nm	Min 70%
at 220 nm	Min 90%
at 250 nm	Min 98%
Loss on drying (at 120°C)	Max 2%

1-OCTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE 99% AR/ HPLC

For ion-pair chromatography Sodium 1-octanesulfonate monohydrate

Product Code.	01883	Grade	AR/ HPLC
Purity	99%	CAS No.	207596-29-0
Molecular Formula	C ₈ H ₁₇ NaO ₃ S.H ₂ O	Molecular Weight	234.29
H.S.Code	2904.10900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	pH value	5.5 - 7.5
Melting point/ Freezing point [°C]	>= 300 °C	Solubility in water [% weight]	Soluble in water		

Packaging



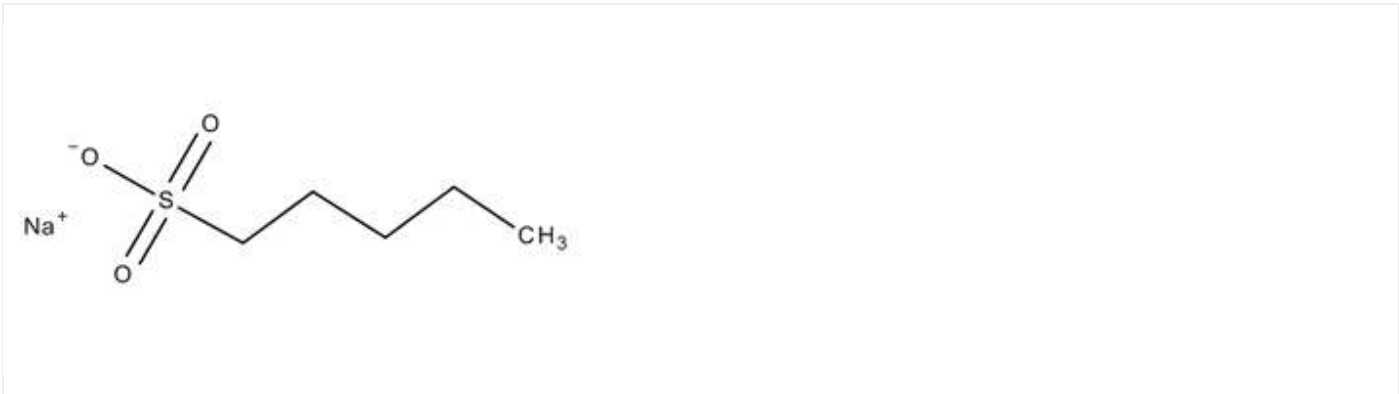
Specification

Appearance	A white crystalline powder
Assay	Min 99%
Minimum transmittance (0.005 mol/L) at:	
at 200 nm	70%
at 220 nm	90%
at 250 nm	98%

1-PENTANE SULPHONIC ACID SODIUM SALT ANHYDROUS 99% AR/HPLC

Sodium pentasulphonate Anhydrous

Product Code.	01945	Grade	AR/HPLC
Purity	99%	CAS No.	22767-49-3
Molecular Formula	C5H11NaO3S	Molecular Weight	174.19
H.S.Code	2904.10900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Melting point/ Freezing point [°C]	>300°C	Solubility in water [% weight]	Soluble in water		

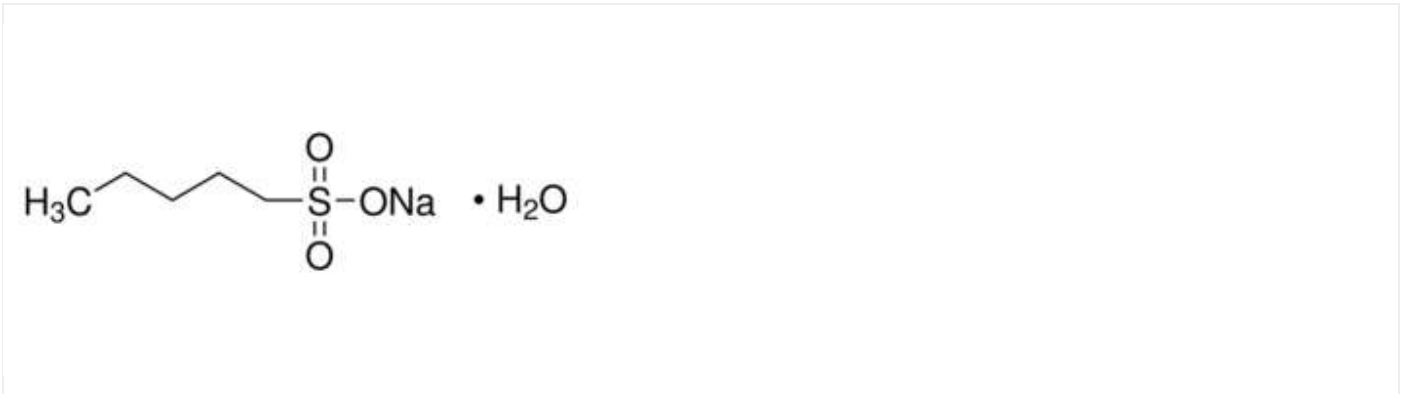
Specification

Appearance	A white crystalline powder
Assay (acidimetric; on dried basis)	Min 99.0%
Identity (IR)	Conforms
pH (10% suspension)	5.5 - 7.5
UV transmittance (0.005 mol/L; 1cm; water)	
at 200 nm	Min. 70%
at 220 nm	Min. 90%
at 250 nm	Min. 98%
Loss on drying (at 120°C; vacuum)	Max. 2%

1-PENTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE 99% AR/HPLC

For Ion pair Chromatography. Sodium pentasulphonate monohydrate

Product Code.	01946	Grade	AR/HPLC
Purity	99%	CAS No.	207605-40-1
Molecular Formula	C5H11NaO3S.H2O	Molecular Weight	192.21
H.S.Code	2904.10900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Melting point/ Freezing point [°C]	>300°C	Solubility in water [% weight]	Soluble in water		

Packaging

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Specification

Appearance	A white crystalline powder
Assay	Min 99.0%
UV transmittance (0.005 mol/L):	
Wavelength	Transmission
200 nm	Min 70%
220 nm	Min 90%
250 nm	Min 98%

1-PENTANESULFONIC ACID, SODIUM SALT HYDRATE, 99%

Product Code.	1946A	Grade	
Purity	99%	CAS No.	207605-40-1
Molecular Formula	C5H11NaO3S.H2O	Molecular Weight	192.21
H.S.Code	2904.10900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Melting point/ Freezing point [°C]	>300°C	Solubility in water [% weight]	Soluble in water		

Packaging

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Specification

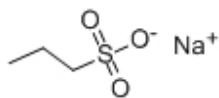
Appearance (Color)	White
Appearance (Form)	Crystalline powder
Infrared spectrum	Conforms
Titration after Ion exchange	98.5 to 101.5 % (On dried substance)
Water	=<9.6 % (K.F.)
Solubility	(10 % in water) Clear colorless

Safety Information and Hazard Symbols

1-PROPANE SULPHONIC ACID SODIUM SALT 99% HPLC

Sodium 1-propanesulfonate

Product Code.	02192	Grade	
Purity	99%	CAS No.	14533-63-2
Molecular Formula	C3H7NaO3S	Molecular Weight	146.14
H.S.Code	2904.10900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Melting point/ Freezing point [°C]	250 °C
Decomposition point [°C]	255 °C	Solubility in water [% weight]	Soluble in water		

Packaging

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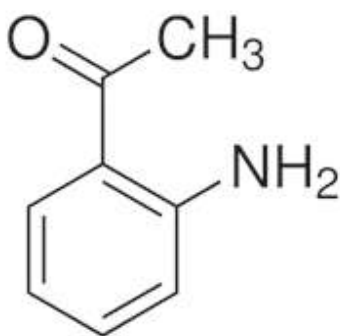
Specification

Appearance	White Crystalline powder
Assay (acidimetric; on anhydrous basis)	Min 99.0%
pH (10% solution in water)	5 - 7.5
at 210 nm (UV absorbance 0.005m/L in water)	Max 0.1
at 220 nm	Max 0.06
at 230 nm	Max 0.04
at 260 nm	Max 0.02
Loss on drying (at 120°C)	Max 2.0%

2-AMINOACETOPHENONE 98% FOR SYNTHESIS

Store at 2-8°C 2-Acetylaniline

Product Code.	00146	Grade	
Purity	Min. 98%	CAS No.	551-93-9
Molecular Formula	H ₂ NC ₆ H ₄ COCH ₃	Molecular Weight	135.16
H.S.Code	2922.39000	Shelf Life	60 Months



Packaging



Specification

Appearance	Yellow to yellow-brown liquid
Assay (GC area %)	Min 98.0%
Identity (IR)	Passes test
Density (at 25°C)	~1.112

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

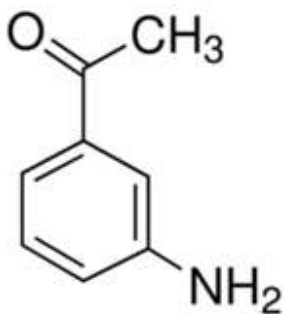
Hazardous Statement: H315-H319-H335

Precaution Statement: P261-P305 + P351 + P338

3-AMINOACETOPHENONE 98% FOR SYNTHESIS

3-Acetylaniline :(3-Aminoacetophenone)

Product Code.	00145	Grade	
Purity	Min. 97%	CAS No.	99-03-6
Molecular Formula	H ₂ NC ₆ H ₄ COCH ₃	Molecular Weight	135.16
H.S.Code	2922.39000	Shelf Life	60 Months



Packaging



Specification

Appearance	Yellow to light brown crystalline powder
Infrared spectrum	Passes test
Assay (GC area %)	Min 98.0%
Assay (titration by HClO ₄)	Min 98%
Melting range	94-97°C

Safety Information and Hazard Symbols

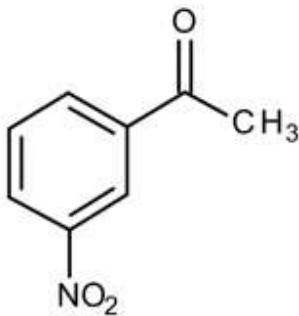


Symbol: GHS07
Signal Word: Warning
Hazardous Statement: H302-H319
Precaution Statement: P305 + P351 + P338

3-NITROACETOPHENONE 98% FOR SYNTHESIS

3-Nitro acetophenone; 1-(3-Nitrophenyl)ethanone

Product Code.	01844	Grade	
Purity	98%	CAS No.	121-89-1
Molecular Formula	C8H7NO3	Molecular Weight	165.15
H.S.Code	2914.79900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Yellow powder	Odour	Odorless
Melting point/ Freezing point [°C]	77 - 80 °C	Boiling point [°C]	202 °C	Solubility in water [% weight]	Insoluble in water

Packaging

Specification

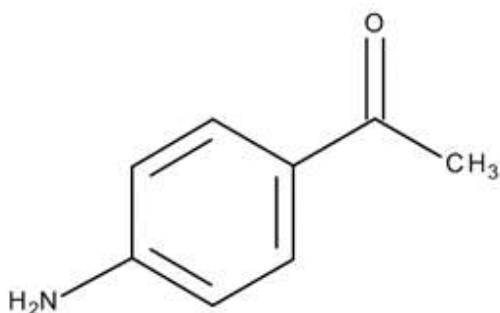
Appearance	Yellow to yellow-green to yellow-brown crystalline powder or crystals and/or chunks
Assay (GC area %)	Min 98%
Melting range	76 - 79°C

Safety Information and Hazard Symbols

4-AMINOACETOPHENONE 99% FOR SYNTHESIS

4-Acetylaniline ; 4-Aminoacetophenone

Product Code.	00147	Grade	
Purity	Min. 99%	CAS No.	99-92-3
Molecular Formula	C8H9NO	Molecular Weight	135.17
H.S.Code	2922.39000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	Cream coloured crystalline	Melting point/ Freezing point [°C]	103 - 107 °C
Boiling point [°C]	293 °C	Density [g/cm3]	0.77	Solubility in water [% weight]	Partially soluble in water

Packaging



Specification

Appearance	Slightly Yellow to Brown Crystalline Powder
Assay (GC area %)	Min 99.0%
Melting range	103.0-107.0°C

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

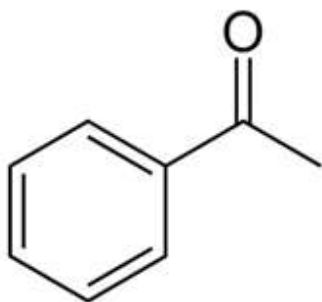
Hazardous Statement: H302-H315-H319-H335

Precaution Statement: P261-P305 + P351 + P338

ACETOPHENONE 99.5% AR

Methyl phenyl ketone ; Liquid, d. 1.03

Product Code.	00038	Grade	
Purity	Min. 99.5%	CAS No.	98-86-2
Molecular Formula	C6H5COCH3	Molecular Weight	120.15
H.S.Code	2914.39100	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Odour	Pungent, floral odor
Melting point/ Freezing point [°C]	19 - 20 °C	Auto-ignition temperature [°C]	571°C	Flash point [°C]	76 °C
Boiling point [°C]	202 °C	Vapour pressure [20°C]	1 hPa at 20 °C	Vapour density	4.1
Density [g/cm3]	1.03	Solubility in water [% weight]	Slightly soluble in water	Partition coefficient Log Pow octanol / water at 20°C	1.6
Explosion limits - upper [%]	5.20%	Explosion limits -lower [%]	1.40%		

Packaging



Specification

Appearance	Clear colorless to light yellow liquid
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Assay	Min 99.5%
Weight/ mL at 20°C	1.025 - 1.027 g/ml
Freezing point	18 - 20°C
Refractive index (20°C; 589 nm)	1.5325 - 1.5345
Phenol	Max 0.005%

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

UN No.: 3334

IMCO Class No.: 9

Packing Group: III

Hazardous Statement: H302-H319

Precaution Statement: P305 + P351 + P338

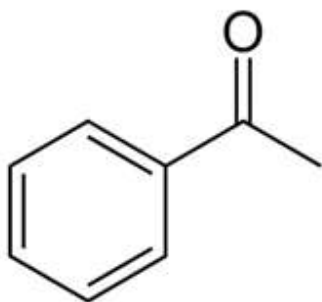
Risk Statement: 26

Safety Statement: 26-36

ACETOPHENONE 99% FOR SYNTHESIS

Methyl Phenyl Ketone ; Liquid, d. 1.03

Product Code.	00037	Grade	For Synthesis
Purity	Min. 99%	CAS No.	98-86-2
Molecular Formula	C ₆ H ₅ CO.CH ₃	Molecular Weight	120.15
H.S.Code	2914.39100	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Odour	Pungent, floral odor
Melting point/ Freezing point [°C]	19 - 20 °C	Auto-ignition temperature [°C]	571 °C	Flash point [°C]	76 °C
Boiling point [°C]	202 °C	Vapour pressure [20°C]	1 hPa at 20 °C	Vapour density	4.1
Density [g/cm ³]	1.03	Solubility in water [% weight]	Slightly soluble in water	Partition coefficient Log Pow octanol / water at 20°C	1.6
Explosion limits - upper [%]	5.20%	Explosion limits -lower [%]	1.40%		

Packaging



Specification

Appearance	Clear colorless to light yellow liquid
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Assay	Min 99%
Weight/ mL at 20°C	1.025 - 1.027 g/ml
Freezing point	18 - 20 °C
Refractive index (20°C; 589 nm)	1.5325 - 1.5345

Safety Information and Hazard Symbols

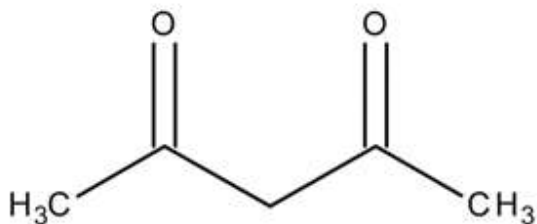


Symbol: GHS07
 Signal Word: Warning
 UN No.: 3334
 IMCO Class No.: 9
 Packing Group: III
 Hazardous Statement: H302-H319
 Precaution Statement: P305 + P351 + P338
 Risk Statement: 22-36
 Safety Statement: 26

ACETYL ACETONE 98% FOR SYNTHESIS

2,4-Pentanedione

Product Code.	00039	Grade	
Purity	Min. 98%	CAS No.	123-54-6
Molecular Formula	CH ₃ COCH ₂ COCH ₃	Molecular Weight	100.12
H.S.Code	2914.19900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	colorless or slight yellow	Odour	Putrid odor
Melting point/ Freezing point [°C]	-23°C	Auto-ignition temperature [°C]	340 °C	Flammability (solid, gas)	Flammable
Flash point [°C]	34 °C	Boiling point [°C]	139 - 141 °C	Evaporation rate	0.75
Vapour pressure mm/Hg	6 mm Hg	Vapour density	3.5	Density [g/cm ³]	0.973
Relative density, gas (air=1)	3.5	Solubility in water [% weight]	Complete	Explosion limits - upper [%]	11.60%
Explosion limits -lower [%]	2.40%				

Packaging



Specification

Appearance	A clear colorless to slightly yellow liquid
Assay	Min 98.0%
Refractive index (20°C; 589 nm)	1.451-1.453
Weight/ mL at 20°C	0.971-0.974 g/ml

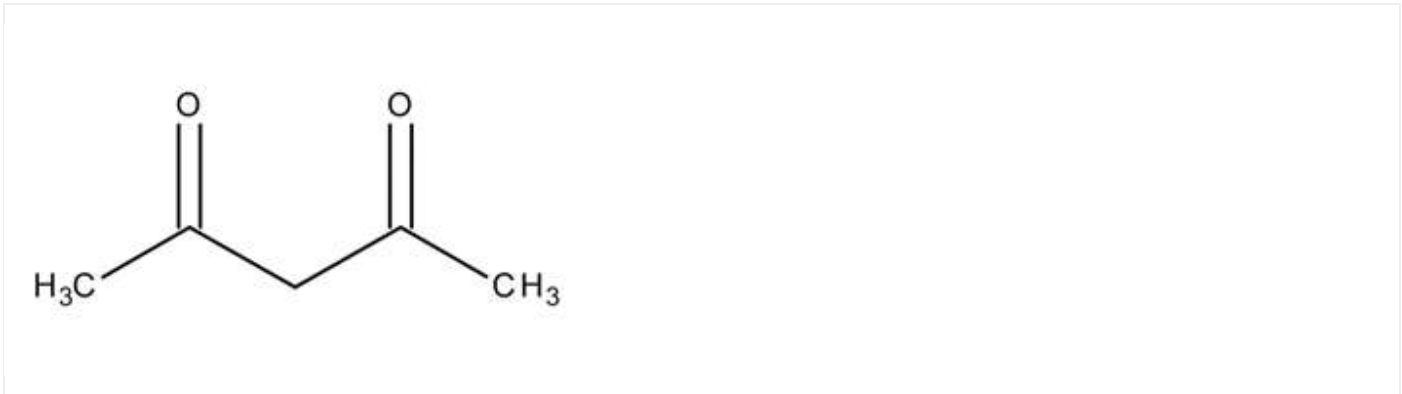
Safety Information and Hazard Symbols


Symbol: GHS02, GHS07 Signal Word: Warning UN No.: 2310 IMCO Class No.: 3,6.1 Packing Group: III Hazardous Statement: H226-H302 Safety Statement: 21-23-24/25

ACETYL ACETONE 99.5% AR

2,4-Pentanedione

Product Code.	00040	Grade	AR
Purity	99.5%	CAS No.	123-54-6
Molecular Formula	CH3COCH2COCH3	Molecular Weight	100.12
H.S.Code	2914.19900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	colorless or slight yellow	Odour	Putrid odor
Melting point/ Freezing point [°C]	-23°C	Auto-ignition temperature [°C]	340 °C	Flammability (solid, gas)	Flammable
Flash point [°C]	34 °C	Boiling point [°C]	139 - 141 °C	Evaporation rate	0.75
Vapour pressure mm/Hg	6 mm Hg	Vapour density	3.5	Density [g/cm3]	0.973
Relative density, gas (air=1)	3.5	Solubility in water [% weight]	Complete	Explosion limits - upper [%]	11.60%
Explosion limits -lower [%]	2.40%				

Packaging

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Specification

Appearance	A clear colorless to slightly yellow liquid
Assay	Min 99.5%
Copper (Cu)	Max 0.000002%

Chromium (Cr)	Max 0.000002%
Water (H2O)	Max 0.05%
Non volatile matter	Max 0.005%
Aluminium (Al)	Max 0.00005%
Barium (Ba)	Max 0.00001%
Boron (B)	Max 0.000002%
Cadmium (Cd)	Max 0.000005%
Calcium (Ca)	Max 0.00005%
Cobalt (Co)	Max 0.000002%
Iron (Fe)	Max 0.00001%
Lead (Pb)	Max 0.00001%
Magnesium (Mg)	Max 0.00001%
Manganese (Mn)	Max 0.000002%
Nickel (Ni)	Max 0.000002%
Tin (Sn)	Max 0.00001%
Zinc (Zn)	Max 0.00001%

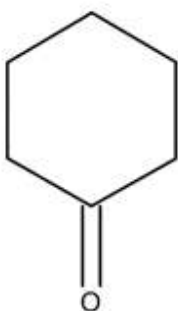
Safety Information and Hazard Symbols


Symbol: GHS02, GHS07 Signal Word: Warning UN No.: 2310 IMCO Class No.: 3,6.1 Packing Group: III Hazardous Statement: H226-H302 Safety Statement: 21-23-24/25

CYCLOHEXANONE 99% EXTRAPURE

Cyclohexyl ketone; Anone; Hexanon; Ketohexamethylene; Pimelic ketone; Pimelin ketone; Sextone

Product Code.	00912	Grade	Extrapure
Purity	99%	CAS No.	108-94-1
Molecular Formula	C6H10O	Molecular Weight	98.15
H.S.Code	2914.22000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless to light yellow	Odour	Odour like acetone & peppermint
Melting point/ Freezing point [°C]	-47 °C	Auto-ignition temperature [°C]	420 °C	Flammability (solid, gas)	Flammable
Flash point [°C]	44 °C	Boiling point [°C]	155 °C	Evaporation rate	0.29
Vapour pressure [20°C]	4.5 hPa at 20 °C	Vapour density	3.4	Density [g/cm3]	0.947
Solubility in water [% weight]	15% in water @ 10C	Partition coefficient Log Pow octanol / water at 20°C	0.81	Explosion limits - upper [%]	9.40%
Explosion limits -lower [%]	1.10%				

Packaging

Specification

Appearance	A clear colorless liquid
Purity (by GC)	Min 99.0%

Weight/ mL at 20°C	0.945 - 0.947 g/ml
Refractive index (20°C; 589 nm)	1.450 - 1.451
Water (H2O)	Min 0.5%

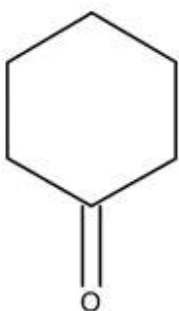
Safety Information and Hazard Symbols


Symbol: GHS02, GHS07 Signal Word: Warning UN No.: 1915 IMCO Class No.: 3.3 Packing Group: III Hazardous Statement: H226-H332 Safety Statement: 25

CYCLOHEXANONE AR

Cyclohexyl ketone; Anone; Hexanon; Ketohexamethylene; Pimelic ketone; Pimelin ketone; Sextone

Product Code.	00913	Grade	
Purity	99.5%	CAS No.	108-94-1
Molecular Formula	C6H10O	Molecular Weight	98.15
H.S.Code	2914.22000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless to light yellow	Odour	Odour like acetone & peppermint
Melting point/ Freezing point [°C]	-47 °C	Auto-ignition temperature [°C]	420 °C	Flammability (solid, gas)	Flammable
Flash point [°C]	44 °C	Boiling point [°C]	155 °C	Evaporation rate	0.29
Vapour pressure [20°C]	4.5 hPa at 20 °C	Vapour density	3.4	Density [g/cm3]	0.947
Solubility in water [% weight]	15% in water @ 10C	Partition coefficient Log Pow octanol / water at 20°C	0.81	Explosion limits - upper [%]	9.40%
Explosion limits -lower [%]	1.10%				

Packaging

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Specification

Appearance	A clear colorless liquid
Assay	Min 99.5%

Refractive index (20°C; 589 nm)	1.450 - 1.451
Weight/ mL at 20°C	0.945 - 0.947 g/ml
Water (H ₂ O)	Max 0.2%
Non volatile matter	Max 0.02%
Acidity (as CH ₃ COOH)	Max 0.001%
Cyclohexane (C ₆ H ₁₂)	Max 0.001%
Cyclohexanol (C ₆ H ₁₂ O)	Max 0.2%
Copper (Cu)	Max 0.00005%
Iron (Fe)	Max 0.0001%
Lead (Pb)	Max 0.00005%

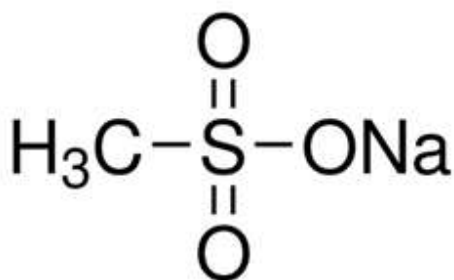
Safety Information and Hazard Symbols


Symbol: GHS02, GHS07 Signal Word: Warning UN No.: 1915 IMCO Class No.: 3 Packing Group: III Hazardous Statement: H226-H332 Safety Statement: 25

METHANESULPHONIC ACID SODIUM SALT 98% AR/HPLC

Sodium methanesulphonate

Product Code.	01691	Grade	AR/HPLC
Purity	98%	CAS No.	2386-57-4
Molecular Formula	CH ₃ NaO ₃ S	Molecular Weight	118.09
H.S.Code	2904.10900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Solubility in water [% weight]	Soluble in water
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Packaging

Specification

Appearance	White crystalline powder or White flakes
Assay	Min. 98.0%
Loss on drying	Max. 1.0%

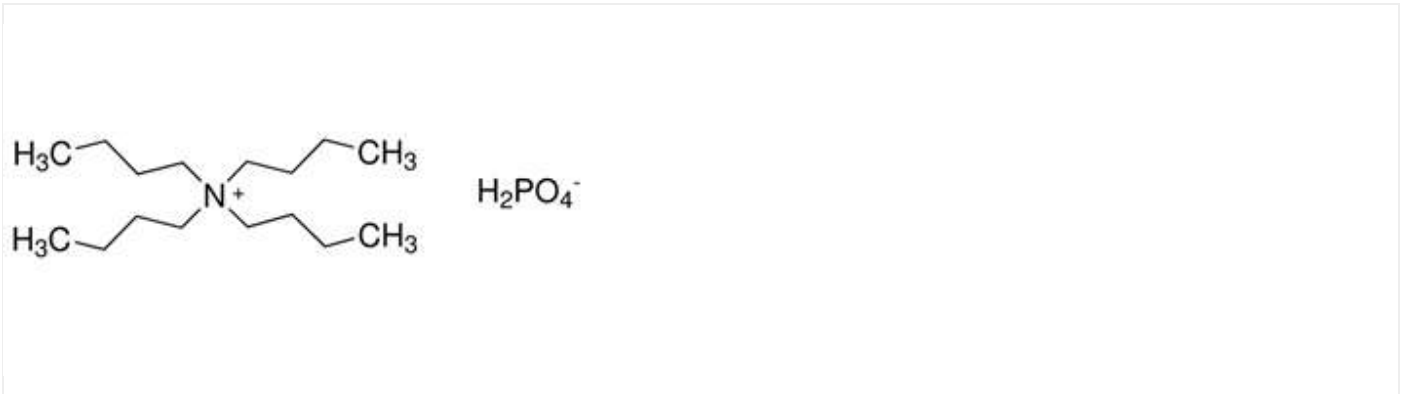
Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning Hazardous Statement: H315-H319-H335 Precaution Statement: P261-P305 + P351 + P338

TETRABUTYL AMMONIUM DIHYDROGEN PHOSPHATE 98% AR/HPLC

Tetrabutylammonium dihydrogen phosphate

Product Code.	02633	Grade	AR/HPLC
Purity	98%	CAS No.	5574-97-0
Molecular Formula	C16H38NO4P	Molecular Weight	339.46
H.S.Code	2923.90000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Amine like
pH value	4-5	Melting point/ Freezing point [°C]	151 - 154 °C	Solubility in water [% weight]	Soluble in water

Packaging

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Specification

Appearance	White crystalline powder
Assay	Min 98.0%
Solubility in water	Clear to hazy

Safety Information and Hazard Symbols

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По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
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Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
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