

CHEMICAL INTERMEDIATES

KA Oil

Description

KA Oil (ketone-alcohol oil) is comprised of cyclohexanone and cyclohexanol. This material is an important industrial feedstock used primarily in the production of adipic acid, nylons, and plasticizers with minor solvent uses.

Physical and Chemical Properties

Typical Properties	Specifications
Chemical Formula	$(\text{CH}_2)_5\text{CO}$, $(\text{CH}_2)_5\text{CHOH}$
Molecular Weight	98.14, 100.16

Product Specifications

Assay	Specifications	Test Method
Cyclohexanone, %	20 min. 80 max.	QANAD-0006 QANAD-0030 QANAD-0031
Cyclohexanol, %	20 min. 80 max.	QANAD-0006 QANAD-0030 QANAD-0031
Water, %	4.0 max.	QANAD-0006 QANAD-0030 QANAD-0031
Phenol, ppm	50 max.	QANAD-0030
Benzene, %	0.17 max.	QANAD-0030
Total Aromatics*, %	0.2 max.	QANAD-0030

*Total of phenol, benzene and sec-butylbenzene only.

The values presented in this data sheet are typical values and are not to be interpreted as product specifications.

Contact AdvanSix

To learn more about cyclohexanone solution, visit

[AdvanSix.com/chemicalintermediates](https://www.advansix.com/chemicalintermediates)

or call:

1-844-890-8949 (toll free, U.S./Can.)

+1-973-526-1800 (international)

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