



Chemical Name	Cyclohexanol
Chemical Category (if applicable)	Saturated alicyclic alcohol
Synonyms	Cyclohexyl alcohol; Hexahydrophenol, Hydrophenol; Hydroxycyclohexane; Naxol; Adronal; Anol; Cicloesanolo; Hexalin; Hydralin; and Phenol, hexahydro-
CAS Number	108-93-0
CAS Name	Cyclohexanol
EC (EINECS) Number	203-630-6

Description

- Cyclohexanol is an essential chemical used in the manufacture of cyclohexylamine and nylon polymer. It is also used in the production of agricultural products, rubber chemicals, plasticizers and solvent applications.
- Cyclohexanol is a high production volume (HPV) chemical produced at over one million pounds annually.
- Workplace exposures to cyclohexanol during its manufacture, and when used as a chemical intermediate for production of nylon, insecticides, herbicides, plasticizers, rubber chemicals, and pharmaceuticals, are expected to be minimal because it is contained in enclosed systems and consumed during use. Workplace exposure limits have been established for use in worksite safety programs. Please see the Safety Data Sheet (SDS) for additional information.
- Cyclohexanol is a clear, colorless, combustible liquid.
- Cyclohexanol is irritating to the eyes, skin and respiratory tract. It can be absorbed through the skin causing harmful effects. Cyclohexanol is slightly toxic in the unlikely event it's swallowed. Breathing cyclohexanol vapor can cause headache, dizziness, nausea, tremors, and lack of coordination; and at high concentrations, it can cause loss of consciousness and even death from respiratory depression.
- Cyclohexanol is rapidly metabolized and eliminated from the body.
- Cyclohexanol does not affect development, but it may impair the ability to successfully reproduce following repeated exposures to very high concentrations.
- The cancer risk for cyclohexanol is low.
- Cyclohexanol has low toxicity to aquatic organisms.
- Cyclohexanol has minimal potential to accumulate in the bodies of humans or animals. It is readily biodegradable and will not persist in the environment.

Useful Resources

For more information about this product, [contact AdvanSix](#). Also see the following links:

- [U.S. EPA HPV Challenge Program](#)
- [Tier 1 Screening SIDS Dossier on HPV Phase Chemical Cyclohexanol Environmental](#)

Contact AdvanSix

To learn more about cyclohexanol visit
[AdvanSix.com/chemicalintermediates](https://www.advansix.com/chemicalintermediates)
or call:

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

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This product safety summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Safety Data Sheet which should be consulted before use of the chemical. The product safety summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.



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