

CYCLOHEXANOL

Overview

Cyclohexanol is a "high volume chemical" with over 1 million pounds is produced annually in the United States and is used as a solvent in a few industries.

Just the facts

Physical Information

Name: Cyclohexanol

Use: industrial solvent

Source: natural and synthetic chemistry

Recommended daily intake: none

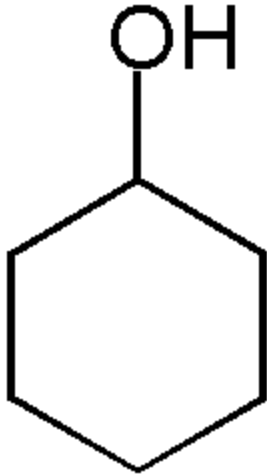
Absorption: inhalation, dermal, ingestion

Sensitive individuals:

Toxicity/symptoms: slightly toxic

General facts: over 1 million pounds produced annually

Chemical Structure



Chemical Description

Cyclohexanol is a colorless to light-yellow flammable viscous liquid that reacts strongly with strong oxidants and that attacks plastics ([#ICSC](#)).

Uses

Cyclohexanol is used in the production of nylon, lacquers, paints, varnishes, degreasers, plastics, soaps, detergents, and [Insecticides](#) ([#CalEPA](#)).

Health Effects

There is very little research available on cyclohexanol's acute toxicity to humans. [#Scorecard](#) rates cyclohexanol as less toxic than "most chemicals" ([#Scorecard](#)). It is a eye and skin irritant.

No data is available on its reproductive or developmental toxicity ([#CalEPA](#)).

Precautions

If one comes in contact with Cyclohexanol, one should follow the instructions below.

From [#ICSC](#):

Route of Exposure

Symptoms

Prevention

First Aid

Inhalation

caughing, dizziness, headache, nausea

breathing protection (ie. mask) adequate ventilation and open air when handling cyclohexanol

Fresh air and rest. If symptoms persist, contact advanced medical personnel.

Skin/Dermal

dry skin and localized redness

protective gloves and clothing

remove contaminated clothing and wash affected areas. refer to medical authorities

Eyes

redness and pain

use eye protection when working with cyclohexanol

rinse with water then refer to medical authorities

Ingestion

abdominal pain, diarrhea, cough, dizziness, nausea

do not eat, drink or smoke when handling cyclohexanol

rinse mouth and refer to medical authorities

Source : <http://www.toxipedia.org/display/toxipedia/Cyclohexanol>