

# Acetaldehyde

## SPECIFICATIONS

CAS No. 75-07-0

HS Code: 29121200

EINECS No. 200-836-8

Synonyms: ACETIC ALDEHYDE,  
ACETYLALDEHYDE,

ETHYLALDEHYDE, ETHANAL

Molecular Formula: CH<sub>3</sub>CHO

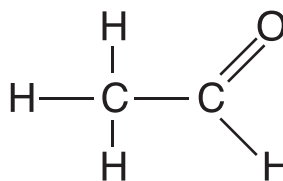
Molecular Weight: 44.05

Appearance: Clear & colourless

Acetaldehyde: 99 % w/w (Min)

Country of Origin: INDIA

## CHEMICAL STRUCTURE



## PACKAGING

Bulk in Tankers

## APPLICATIONS

Intermediate for the synthesis of other chemicals

Production of perfumes, polyester resins and basic dyes

As a solvent in the rubber, tanning and paper industries: as a fruit and fish preservative, flavoring agent, hardening gelatin, denaturant for alcohol and in fuel compositions  
Glyoxal, Glyoxalic acid

## PRECAUTIONS FOR HANDLING

Acetaldehyde is not compatible with strong oxidizers, acids, alcohols, ammonia, amines, phenols, ketones, acid anhydrides and halogens.

Acetaldehyde reacts with air to form unstable peroxides, which can explode.

Sources of ignition, such as smoking and open flames, are prohibited where Acetaldehyde is handled, used, or stored. Use only non-sparking tools and equipment, especially when opening and closing containers.

Metal containers involving the transfer of Acetaldehyde should be grounded and bonded.

Store in tightly closed airtight containers in a cool, dark, well-ventilated area.

Drums must be equipped with self-closing valves, pressure vacuum bungs, and flame arresters.



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