



## SAFETY DATA SHEET

### 1. Identification

<b>Product Name</b>	<b>Propionaldehyde</b>
<b>Cat No. :</b>	<b>AC220510000, AC220510025, AC220511000, AC220515000; AC220510100</b>
<b>Synonyms</b>	Propanal



**Precautionary Statements**

**Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray

---

**Ingestion**

Do not induce vomiting. Obtain medical attention.

**Most important symptoms/effects**

Breathing difficulties. . Causes eye burns. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting

**Notes to Physician**

Treat symptomatically

---

## 8. Exposure controls / personal protection

### Exposure Guidelines

## 9. Physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Colorless
<b>Odor</b>	Stench
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point/Range</b>	-81 °C / -113.8 °F
<b>Boiling Point/Range</b>	48 °C / 118.4 °F @ 760 mmHg
<b>Flash Point</b>	-40 °C / -40 °F
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid,gas)</b>	Not applicable
<b>Flammability or explosive limits</b>	
<b>Upper</b>	17 vol %
<b>Lower</b>	2.9 vol %
<b>Vapor Pressure</b>	330 hPa @ 20 °C
<b>Vapor Density</b>	No information available
<b>Relative Density</b>	0.798

---

**Conditions to Avoid**

Incompatible products. Excess heat. Keep away from open flames, hot surfaces and sources of ignition. Exposure to air.

**Incompatible Materials**

Strong oxidizing agents, Strong bases, Reducing agents

**Hazardous Decomposition Products**

Carbon monoxide (CO), Carbon dioxide (CO)  
Hazardous Decomposition Products

---

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its volatility.

**Component**  
Propionaldehyde

**log Pow**  
0.59

### 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

### 14. Transport information

**DOT**

<b>UN-No</b>	UN1275
<b>Proper Shipping Name</b>	PROPIONALDEHYDE
<b>Hazard Class</b>	

Component	CAS-No	Weight %	SARA 313 - Threshold Values %
Propionaldehyde	123-38-6	>95	1.0

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act** Not applicable

**Clean Air Act**

Component	HAPS Data	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Propionaldehyde	X		-

