

## SAFETY DATA SHEET

Creation Date 02-Feb-2010

Revision Date 25-Apr-2019

Revision Number 8

### 1. Identification

<b>Product Name</b>	<b>Benzyl chloride, stabilized</b>
<b>Cat No. :</b>	<b>AC405090000; AC405090010; AC405090025; AC405090050; AC405090100; AC405092500</b>
<b>CAS-No</b>	100-44-7

**Label Elements**

**Signal Word**

Danger

**Hazard Statements**

Combustible liquid  
May be corrosive to metals  
Harmful if swallowed  
Causes skin irritation  
May c

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Store in corrosive resistant polypropylene container with a resistant inliner

Store in a dry place

**Disposal**

Dispose of contents/container to an approved waste disposa

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

**Specific Hazards Arising from the Chemical**

Combustible material. Containers may explode when heated. Keep product and empty container away from heat and sources of ignition. Risk of ignition.

**Hazardous Combustion Products**

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrogen chloride gas.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSH

## 9. Physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Colorless - Amber
<b>Odor</b>	pungent
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point/Range</b>	-39 °C / -38.2 °F
<b>Boiling Point/Range</b>	179 °C / 354.2 °F @ 760 mmHg
<b>Flash Point</b>	67 °C / 152.6 °F
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid,gas)</b>	Not applicable
<b>Flammability or explosive limits</b>	
<b>Upper</b>	14 vol %
<b>Lower</b>	1.1 vol %
<b>Vapor Pressure</b>	1.2 mbar @ 20 °C
<b>Vapor Density</b>	4.36 (Air = 1.0)
<b>Specific</b>	

**Acute Toxicity****Product Information****Oral LD50**

Category 4. ATE = 300 - 2000 mg/kg.

**Dermal LD50**

Based on ATE data, the classification criteria are not met. ATE &gt; 2000 mg/kg.

**Vapor LC50**

Category 2. ATE = 0.5 - 2 mg/l.

**Component Information**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Benzyl chloride	LD50 = 625 mg/kg ( Rat )	Not listed	LC50 = 0.74 mg/L ( Rat ) 2 h
Propylene oxide	LD50 = 520 mg/kg ( Rat )	LD50 = 1244 mg/kg ( Rabbit )	9.48 mg/L ( Rat ) 4 h

**Toxicologically Synergistic Products**

No information available

**Products****Delayed and immediate effects as well as chronic effects from short and long-term exposure****Irritation**

Causes burns by all exposure routes

**Sensitization**

May cause sensitization by skin contact

**Carcinogenicity**

Possible cancer hazard. May cause cancer based on animal data. The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Benzyl chloride	100-44-7	Group 2A	Not listed	A3	X	A3

X

X

**Other Adverse Effects**

The toxicological properties have not been fully investigated.

## 12. Ecological information

**Ecotoxicity**

Do not empty into drains. Do not flush into surface water or sanitary sewer system. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment.

<b>Component</b>	<b>Freshwater Algae</b>	<b>Freshwater Fish</b>	<b>Microtox</b>	<b>Water Flea</b>
Benzyl chloride	Not listed			

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## 15. Regulatory information

### United States of America Inventory

Component

CAS-No



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Propylene oxide	75-56-9	Carcinogen	-	Carcinogen	
<b>U.S. State Right-to-Know Regulations</b>					
<b>Component</b>	<b>Massachusetts</b>	<b>New Jersey</b>	<b>Pennsylvania</b>	<b>Illinois</b>	<b>Rhode Island</b>
Benzyl chloride	X	X	X	X	X
Propylene oxide					