

# Material Safety Data Sheet

## Section1. Product Information and Company Identification

<b>Product name</b>	Benzyl Chloride		
<b>Mol.formula</b>	C7H7Cl	<b>Cas no</b>	100-44-7
<b>Mol.wt</b>	126.58 g/mol	<b>Cat no</b>	BN02
<b>Manufacture name</b>	Pioneers for laboratory chemicals		
<b>Brand name</b>	Piochem		
<b>Address</b>	Area 540, Industrial Zone 6 <sup>th</sup> October city Giza, Egypt.		
<b>Website</b>	www.piochem.com		
<b>E-mail</b>	info@piochem.com		
<b>Phone number</b>	+201225728304 , +201023932115		

## Section 2.Hazards Identification

### Emergency Overview OSHA Hazards

Combustible Liquid, Carcinogen, Toxic by inhalation., Harmful by ingestion., Toxic by skin absorption, Skin sensitiser, Corrosive

### Other hazards which do not result in classification

Lachrymator.

### GHS Classification

Flammable liquids (Category 4)  
 Acute toxicity, Oral (Category 4)  
 Acute toxicity, Inhalation(Category4)  
 Acute toxicity, Dermal (Category 4)  
 Skin corrosion (Category 1B)  
 Serious eye damage (Category 1) Skin sensitization (Category 1) Acute aquatic toxicity (Category 3)

### GHS Label elements, including precautionary statements

Pictogram



Signal word  
H227

Danger Hazard statement(s)  
Combustible liquid



H302 + H312 + H332 H314 H317 H402	Harmful if swallowed, in contact with skin or if inhaled Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life.
Precautionary statement(s)	
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/ physician.
<b>Other hazards</b>	
Lachrymator.	
<b>HMIS Classification</b>	
<b>Health hazard:</b>	3
<b>Chronic Health Hazard:</b>	*
<b>Flammability:</b>	2
<b>Physical hazards:</b>	1
<b>NFPA Rating</b>	
<b>Health hazard:</b>	3
<b>Fire:</b>	2
<b>Reactivity Hazard:</b>	0
<b>Potential Health Effects</b>	
Toxic if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.	
<b>Skin</b>	Toxic if absorbed through skin. Causes skin burns.
<b>Eyes</b>	Causes eye burns.
<b>Ingestion</b>	Harmful if swallowed

### Section 3. First Aid Measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.  
Move out of dangerous area.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.  
Consult a physician.

#### In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.



**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## Section 4. Fire Fighting Measures

**Conditions of flammability**

Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific hazards arising from the chemical**

Container explosion may occur under fire conditions.

**Special protective equipment for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**Hazardous combustion products**

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas

**Further information**

Water hydrolyzes material liberating acidic gas which in contact with metal surfaces can generate flammable and/or explosive hydrogen gas. Use water spray to cool unopened containers.

## Section 5. Accidental Release Measures

**Personal precautions**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations . Keep in suitable, closed containers for disposal.



## Section 6. Handling and Storage

### Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.  
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Store under inert gas. Moisture sensitive.

## Section 7. Additional Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. shall not be held liable for any damage resulting from handling or from contact with the above product.

