



Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Benzyl Alcohol		
Mol.formula	C7H8O	Cas no	100-51-6
Mol.wt	108.14 g/mol	Cat no	B012
Manufacture name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Address	Area 540, Industrial Zone 6 th October city Giza, Egypt.		
Website	www.piochem.com		
E-mail	info@piochem.com		
Phone number	+201225728304 , +201023932115		

Section 2.Hazards Identification	
Classification of the substance or mixture:	
	Irritant Acute toxicity (oral, dermal, inhalation), category 4 Skin irritation, category 2
	Environmentally Damaging Acute hazards to the aquatic environment, category 2
AcTox Oral. 4 AcTox Inhaln. 4 AcTox Dermal. 4 Skin Irrit. 2 Aquatic AcTox. 2	
Signal word :Warning	
Hazard statements:	
Harmful if swallowed Harmful in contact with skin Harmful if inhaled	
Causes skin irritation Toxic to aquatic life	
Precautionary statements:	
If medical advice is needed, have product container or label at hand Keep out of reach of children	
Read label before use Avoid breathing dust/fume/gas/mist/vapours/spray	



Wash ... thoroughly after handling
Do not eat, drink or smoke when using this product Use only outdoors or in a well-ventilated area.

Section 3. First Aid Measures

Description of first aid measures

After inhalation: Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Immediately get medical assistance.

After skin contact: Wash hands and exposed skin with soap and plenty of water for 15-20 minutes. Get medical assistance.

After eye contact: Protect unexposed eye. Rinse or flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Get medical assistance.

After swallowing: Do not induce vomiting. Never give anything by mouth to an unconscious person. Contact a physician or Poison Control immediately.

Section 4. Fire Fighting Measures

Extinguishing media

Suitable extinguishing agents:

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

For safety reasons unsuitable extinguishing agents: None.

Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors
Combustible liquid. Containers may explode when heated. Keep product and empty container away from sources of ignition and heat.

Advice for firefighters:

Protective equipment: Wear protective eyewear, gloves, and clothing

Additional information (precautions):

Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing. Remove all sources of ignition. Take measures against static discharge.

Section 5. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental precautions:

Should not be released into environment. Prevent from reaching drains, sewer, or waterway.



Methods and material for containment and cleaning up:

Wear protective eyewear, gloves, and clothing. Provide ventilation. Use spark-proof tools and explosion-proof equipment. Always obey local regulations. If necessary use trained response staff or contractor. Clean up spills immediately observing precautions. Absorb with inert material and containerize for disposal. Sweep up and containerize for disposal. Follow proper disposal methods.

Section 6. Handling and Storage

Precautions for safe handling:

Keep product and empty container away from heat and sources of ignition. Avoid contact with skin, eyes, and clothing. Do not inhale gases, fumes, dust, mist, vapor, and aerosols. Use under a fume hood. Wash hands before breaks and immediately after handling the product. Use spark-proof tools and explosion-proof equipment.

Conditions for safe storage, including any incompatibilities:

Storage class (TRGS 510): Combustible liquids. Store in cool, dry area. Keep away from open flames, hot surfaces, and sources of ignition. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials. Store in cool, dry area.

Section 7. Additional Information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

