

Material Safety Data Sheet

Section1. Product Information and Company Identification

Product name	Acetone 99.5%		
Mol.formula	C3H6O	Cas no	67-64-1
Mol.wt	58.08 g/mol	Cat no	A008
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
 Classification according to Regulation (EC) No. 1272/2008 [CLP]
 Flammable liquids, H225
 Category 2
 Serious eye damage/eye irritation, H319
 Category 2
 Specific target organ toxicity — Single exposure, H336
 Category 3,
 Narcosis

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
 F; R11
 Xi; R36
 R66
 R67

Adverse physicochemical, human health and environmental effects
 No additional information available

Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]



Hazard pictograms (CLP) :
GHS02 GHS07
Signal word (CLP) : Danger
Hazard statements (CLP) :
H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
Precautionary statements (CLP) :
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 - Avoid breathing dust/fume/gas /mist/vapours/spray.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards

No additional information available

Section 3. First Aid Measures

Description of first aid measures First-aid measures after inhalation :

Give oxygen or artificial respiration if necessary. Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact : If skin irritation occurs: Get medical advice/attention. Gently wash with plenty of soap and water. Take off contaminated clothing.

First-aid measures after eye contact : If eye irritation persists: Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion : Rinse mouth out with water. If you feel unwell, seek medical advice.

Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : May cause drowsiness or dizziness.

Symptoms/effects after eye contact : Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 4. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Unsuitable extinguishing media : Do not use a heavy water stream.

Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.



Advice for firefighter

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

Section 5. Accidental Release Measures**Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Stop release.

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up : Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Reference to other sections

No additional information available

Section 6. Handling and Storage**Precautions for safe handling****Additional hazards when processed :**

Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling : No open flames. No smoking. Use only non-sparking tools.

Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

Hygiene measures : Wash hands, forearms and face thoroughly after handling.

Conditions for safe storage, including any incompatibilities**Technical measures :**

Proper grounding procedures to avoid static electricity should be followed.

Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment.



Storage conditions : Keep in fireproof place. Keep container tightly closed. Store in a well-ventilated place.

Incompatible materials : Heat sources

Section 7. Additional Information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

