




Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Acetic Anhydride		
Mol.formula	C4H6O3	Cas no	108-24-7
Mol.wt	102.08864 g/mol	Cat no	AC01
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:	
Flammable	
	Flammable liquids, category 3
Irritant	
	Acute toxicity (oral, dermal, inhalation), category 4 Acute toxicity (oral, dermal, inhalation), category 3
Corrosive	
	Skin corrosion, category 1B Serious eye damage, category 1
<p>Flam Liq. 3 AcTox Oral 4 AcTox Inhaln 4 Skin corr. 1B Eye.Damage1</p>	
Signal word	
Danger	



Hazard statements:

Flammable liquid and vapour Harmful if swallowed
Causes severe skin burns and eye damage Causes
serious eye damage
Toxic if inhaled

Precautionary statements:

If medical advice is needed, have product container or label at hand
Keep out of reach of children Read label before use
Keep container tightly closed
Do not eat, drink or smoke when using this product Wash skin
thoroughly after handling Avoid breathing
dust/fume/gas/mist/vapours/spray
Keep away from heat/sparks/open flames/hot surfaces.
No smoking Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/light/.../equipment Use only non-
sparking tools
Take precautionary measures against static discharge Use only
outdoors or in a well-ventilated area Wear protective
gloves/protective clothing/eye protection/face protection

IF ON SKIN (or hair): Remove/Take off immediately all contaminated
clothing. Rinse skin with water/shower

IF INHALED: Remove victim to fresh air and keep at rest in a position
comfortable for breathing Immediately call a POISON CENTER or
doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove
contact lenses if present and easy to do.

Continue rinsing Immediately call a POISON CENTER or doctor/physician
Wash contaminated clothing before reuse

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting Store in a well
ventilated place.Keep cool Store locked up

Store in a well ventilated place. Keep container tightly closed Dispose of
contents and container as instructed

Other Non-GHS Classification:**WHMIS**

B3



E



D1A



NFPA/HMIS



Health	3
Flammability	2
Physical Hazard	3
Personal Protection	X

Section 3. First Aid Measures

Description of first aid measures

After inhalation: Move exposed individual to fresh air. Loosen clothing as necessary and position individual in a comfortable position. Seek medical advice if discomfort or irritation persists. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

After skin contact: Rinse exposed skin with water for 20 minutes. Immediately enter emergency shower rinsing while removing contaminated clothing and shoes. Transport victim to the hospital.

After eye contact: Protect unexposed eye. Flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Immediately seek medical attention.

After swallowing: Rinse mouth thoroughly. Do not induce vomiting. Dilute with water or milk. Immediately seek medical attention.

Most important symptoms and effects, both acute and delayed:

Irritation, Nausea, Headache, Shortness of breath.;

Indication of any immediate medical attention and special treatment needed:



If seeking medical attention, provide SDS document to physician. Physician should treat symptomatically.

Section 4. Fire Fighting Measures

Extinguishing media

Suitable extinguishing agents: Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam. Use water spray to cool unopened containers.

For safety reasons unsuitable extinguishing agents: Special hazards arising from the substance or mixture:

Thermal decomposition may lead to release of irritating gases and vapor.

Advice for firefighters:

Protective equipment: Wear protective eyewear, gloves, and clothing.

Additional information (precautions):

Section 5. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational. Use explosion - proof equipment.

Environmental precautions:

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

Methods and material for containment and cleaning up:

Wear protective eyewear, gloves, and clothing. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Containerize for disposal.

Section 6. Handling and Storage

Precautions for safe handling:

Wear protective eye ware, gloves, and clothing. Always obey local regulations. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Containerize for disposal. Keep in suitable closed containers for disposal. Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities:

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures



when handling chemical materials. Follow proper disposal methods. Do not eat, drink, smoke, or use personal products when handling chemical substances.

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.

