

## Material Safety Data Sheet

### Section1. Product Information and Company Identification

<b>Product name</b>	Cyclohexane		
<b>Mol.formula</b>	C6H12	<b>Cas no</b>	110-82-7
<b>Mol.wt</b>	84.16 g/mol	<b>Cat no</b>	C066
<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

#### Classification of the substance or mixture:

Flammable



Health hazard



Irritant



Environmentally Damaging



Flam Liq. 2 Skin irrit, cat  
2 STOT SE 3  
Asp. Tox. 1  
Aquatic AcTox. 1  
Aquatic ChrTox. 1

**Signal word** :Danger



**Hazard statements:**

Highly flammable liquid and vapour Causes skin irritation May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways Very toxic to aquatic life with long lasting effects

**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 Wash ... thoroughly after handling Avoid release to the environment

Do not eat, drink or smoke when using this product

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 Avoid breathing dust/fume/gas/mist/vapours/spray

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Collect spillage

IF ON SKIN: Wash with soap and water

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Take off contaminated clothing and wash before reuse If skin irritation occurs: Get medical advice/attention

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Specific treatment (see ... on this label)

Do NOT induce vomiting

In case of fire: Use ... for extinction Store in a well ventilated place. Keep container tightly closed Store in a well ventilated place. Keep cool Store locked up Dispose of contents/container to ...



### 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.

**After skin contact:** Wash affected area with soap and water. Rinse/flush exposed skin gently using water for 15-20 minutes. Seek medical attention if irritation persists or if concerned.

**After eye contact:** Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

**After swallowing:** Rinse mouth thoroughly. Do not induce vomiting. Have exposed individual drink sips of water. Seek medical attention if irritation, discomfort or vomiting persists.

#### 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.

### Section 4. Fire Fighting Measures

#### Extinguishing media

**Suitable extinguishing agents:** Foam. Dry chemical powder. Carbon dioxide. If in laboratory setting, follow laboratory fire suppression procedures. Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

**For safety reasons unsuitable extinguishing agents:** Water may be ineffective because it may not cool the material below its flash point.

#### Special hazards arising from the substance or mixture:

Combustion products may include carbon oxides or other toxic vapors. Risk of ignition. Flammable. Vapors may travel to source of ignition and flash back. Containers may explode when heated.

#### Advice for firefighters:

#### Protective equipment

**Additional information (precautions):** Move product containers away from fire or keep cool with water spray as a protective measure, where feasible.



## Section 5. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Use respiratory protective device against the effects of fumes/dust/aerosol. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources. Protect from heat. Stop the spill, if possible. Contain spilled material by diking or using inert absorbent. Transfer to a disposal or recovery container.

Prevent from reaching drains, sewer or waterway.

### Methods and material for containment and cleaning up:

If in a laboratory setting, follow Chemical Hygiene Plan procedures. Collect liquids using vacuum or by use of absorbents. Place into properly labeled containers for recovery or disposal. If necessary, use trained response staff/contractor.

## Section 6. Handling and Storage

### Precautions for safe handling:

Prevent formation of aerosols. Follow good hygiene procedures when handling chemical materials. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid splashes or spray in enclosed areas. Use only under chemical fume hood. Wear personal protective equipment. Wash hands after handling. Avoid contact with skin, eyes, and clothing. Do not breathe in vapors or spray mist. Keep away from open flames, hot surfaces and sources of ignitions. Use only non-sparking tools. Use explosion proof equipment. Take precautionary measures against static discharge.

### Conditions for safe storage, including any incompatibilities:

Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. Store away from oxidizing agents. Store in cool, dry conditions in well sealed containers. Store with like hazards. Keep in a flammables 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.

