


## Material Safety Data Sheet

Section1. Product Information and Company Identification			
<b>Product name</b>	L-(+)-Lactic Acid		
<b>Mol.formula</b>	C3H6O3	<b>Cas no</b>	50-21-5
<b>Mol.wt</b>	90,08 g/mol	<b>Cat no</b>	L001
<b>Manfactre name</b>	Pioneers for laboratory chemicals		
<b>Brand name</b>	Piochem		
<b>Adress</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	
<p><b>Classification of the substance or mixture</b>            Classification according to Regulation (EC) No 1272/2008            Skin irritation (Category 2), H315            Serious eye damage (Category 1), H318            Classification according to EU Directives 67/548/EEC or 1999/45/EC            Xi Irritant R38, R41</p>	
<p><b>Label elements</b>            Labelling according Regulation (EC) No 1272/2008</p>	
<p>Pictogram</p>	
<p>Signal word            Danger</p>	
<p>Hazard statement(s)            .H315 Causes skin irritation            H318 Causes serious eye damage</p>	
<p>Precautionary statement(s)            P280 Wear protective gloves/ 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.</p>	
<p>Supplemental Hazard            none</p>	



According to European Directive 67/548/EEC as amended

Hazard symbol(s) Xi Irritant



R-phrase(s)

R38 Irritating to skin

R41 Risk of serious damage to eyes

S-phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S39 Wear eye/face protection

**Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Section 3. First Aid Measures**

**Description of first aid measures**

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance

**If inhaled**

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

Consult a physician

**In case of skin contact**

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

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling

**Indication of any immediate medical attention and special treatment needed**

No data available.

**Section 4. Fire Fighting Measures**

**Extinguishing media**

**Suitable extinguishing media**

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

**Special hazards arising from the substance or mixture**



Carbon oxides

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available

### Section 5. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions**

Do not let product enter drains.

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

Soak up with inert absorbent material and dispose of as hazardous waste. 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.

**Conditions for safe storage, including any incompatibilities**

Store in cool place. 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.

Storage class (TRGS 510): Combustible liquids

**Specific end use(s)**

Apart from the uses mentioned in other specific uses are stipulated.

### Section 7. Additional Information

**Further 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. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

