



## MATERIAL SAFETY DATA SHEET

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### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MSDS Name:** D-(-)-alpha-Phenylglycine, 98%

**Catalog Numbers:**

13063-0000, 13063-0250, 13063-1000

**Synonyms:**

D-(-)- $\alpha$ 1-Aminophenylacetic acid

**Company Identification:**

LEONID CHEMICALS  
62/A-2 2nd Stage, Industrial Suburb  
Yeshwanthpur, Bangalore -22, INDIA  
Ph- +91-80-23378354

### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	: 875-74-1
Chemical Name	: D-(-)-alpha-Phenylglycine
%	: 98
EINECS#	: 212-876-3
Hazard Symbols	: None Listed.
Risk Phrases	: None Listed.

### SECTION 3 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

Not available.

**Potential Health Effects**

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

### SECTION 4 - FIRST AID MEASURES

**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.



**Skin:**

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:**

Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Inhalation:**

Remove from exposure and move to fresh air immediately.

**Notes to Physician:**

NA

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**SECTION 5 - FIRE FIGHTING MEASURES**

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**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:**

In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

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**SECTION 7 - HANDLING AND STORAGE**

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**Handling:**

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

**Storage:**

Store in a cool, dry place. Keep container closed when not in use.

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**SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

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**Engineering Controls:**

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

**Personal Protective Equipment**

**Eyes:**

Wear safety glasses and chemical goggles if splashing is possible.

**Skin:**

Wear appropriate protective gloves and clothing to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to minimize contact with skin.

**Respirators:**

Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State	: Crystalline powder
Color	: white to almost white
Odor	: Not available.
PH	: Not available.
Vapor Pressure	: Not available.
Viscosity	: Not available.
Boiling Point	: Not available.
Freezing/Melting Point	: 302 deg C
Autoignition Temperature	: Not available.
Flash Point	: Not available.
Explosion Limits, lower	: Not available.
Explosion Limits, upper	: Not available.
Decomposition Temperature	NA
Solubility in water	:soluble in aq.sol. of inorg. solvents an
Specific Gravity/Density	NA
Molecular Formula	C6H5CH(NH2)CO2H
Molecular Weight	151.16

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**SECTION 10 - STABILITY AND REACTIVITY**

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**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Strong oxidants.

**Incompatibilities with Other Materials:**

Not available.

**Hazardous Decomposition Products:**

Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.

**Hazardous Polymerization:**

Has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

**RTECS#:**

CAS# 875-74-1 unlisted.

**LD50/LC50:**

Not available.

**Carcinogenicity:**

D-(-)-alpha-Phenylglycine -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

SECTION 12 - ECOLOGICAL INFORMATION

NA

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

**IATA**

No information available.

**IMO**

No information available.

**RID/ADR**

No information available.

SECTION 15 - REGULATORY INFORMATION

**European/International Regulations**

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

NA

**Safety Phrases:**

S 24/25 Avoid contact with skin and eyes.

**WGK (Water Danger/Protection)**

CAS# 875-74-1: No information available.

**United Kingdom Occupational Exposure Limits**

**United Kingdom Maximum Exposure Limits**

**Canada**

CAS# 875-74-1 is listed on Canada's NDSL List.

CAS# 875-74-1 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

**US FEDERAL**

TSCA

CAS# 875-74-1 is listed on the TSCA inventory.

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**SECTION 16 - ADDITIONAL INFORMATION**

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MSDS Creation Date: 7/16/1996 Revision #0 Date: Original.

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