



## MATERIAL SAFETY DATA SHEET

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Succinimide, 98%

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MSDS Name:** Succinimide, 98%  
**Catalog Numbers:**  
S173  
**Synonyms:**  
**Company Identification:**  
LEONID CHEMICALS  
62/A-2 2nd Stage, Industrial Suburb  
Yeshwanthpur, Bangalore -22, INDIA  
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### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS# : 123-56-8  
Chemical Name : Succinimide  
% : 98%  
EINECS# : 204-635-6  
Haz Symbols : None Listed  
Risk Phrases : None Listed

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Not available.

#### Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause skin irritation. May be harmful if absorbed through the skin.

Ingestion:

May cause irritation of the digestive tract.

Inhalation:

May cause respiratory tract irritation. May be harmful if inhaled.

Chronic:

Not available.

### SECTION 4 - FIRST AID MEASURES

Eyes:



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

**Skin:**

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

**Ingestion:**

Get medical aid. Wash mouth out with water.

**Inhalation:**

Remove from exposure and move to fresh air immediately.

**Notes to Physician:**

Treat symptomatically and supportively.

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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.

**Extinguishing Media:**

Use water spray, dry chemical, carbon dioxide, or chemical 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:**

Vacuum or sweep up material and place into a suitable disposal container.

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## SECTION 7 - HANDLING and STORAGE

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**Handling:**

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

**Storage:**

Store in a cool, dry place. Store in a tightly closed container.

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## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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**Engineering Controls:**

Use adequate ventilation to keep airborne concentrations low.

**Personal Protective Equipment**

**Eyes:**

Wear chemical goggles.

**Skin:**

Wear appropriate protective gloves to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to prevent skin exposure.

**Respirators:**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State: Powder  
Color: white - off-white - light brown  
Odor: Not available.  
pH: 4 - 6 @ 5% aq. sol  
Vapor Pressure: Not available.  
Viscosity: Not available.  
Boiling Point: 285 - 290 deg C  
Freezing/Melting Point: 122 - 126 deg C  
Autoignition Temperature: Not available.  
Flash Point: 201 deg C ( 393.80 deg F)  
Explosion Limits, lower: Not available.  
Explosion Limits, upper: Not available.  
Decomposition Temperature: > 287 deg C  
Solubility in water:  
Specific Gravity/Density:  
Molecular Formula: C<sub>4</sub>H<sub>5</sub>NO<sub>2</sub>  
Molecular Weight: 99.0405

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**SECTION 10 - STABILITY AND REACTIVITY**

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Chemical Stability:  
Not available.  
Conditions to Avoid:  
Incompatible materials.  
Incompatibilities with Other Materials:  
Strong oxidizing agents, strong reducing agents, acids, bases.  
Hazardous Decomposition Products:  
Nitrogen oxides, carbon monoxide, carbon dioxide.  
Hazardous Polymerization: Has not been reported

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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RTECS#:  
CAS# 123-56-8: WN2200000  
LD50/LC50:  
CAS# 123-56-8: Oral, mouse: LD50 = 11 gm/kg; Oral, rat: LD50 = 14 gm/kg.  
Carcinogenicity:  
Succinimide -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.  
See actual entry in RTECS for complete information.

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#### SECTION 12 - ECOLOGICAL INFORMATION

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#### SECTION 13 - DISPOSAL CONSIDERATIONS

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

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#### SECTION 14 - TRANSPORT INFORMATION

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IATA  
No information available.  
IMO  
No information available.  
RID/ADR  
No information available.

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#### SECTION 15 - REGULATORY INFORMATION

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##### European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 123-56-8: No information available.

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 123-56-8 is listed on Canada's DSL List.

CAS# 123-56-8 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# 123-56-8 is listed on the TSCA inventory.

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#### SECTION 16 - ADDITIONAL INFORMATION

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MSDS Creation Date: 4/07/2000 Revision #0 Date: Original.

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