



## MATERIAL SAFETY DATA SHEET

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### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MSDS Name:** 7-AMINO-4-METHYLCOUMARIN, 98%

**Catalog Numbers:**

21806-0000, 21806-0010

**Synonyms:**

Coumarin 120

**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 #	: 26093-31-2
Chemical Name	: 7-AMINO-4-METHYLCOUMARIN, 98%
%	: 98%
EINECS#	: 247-454-8
Hazard 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.

**Ingestion:**

The toxicological properties of this substance have not been fully investigated.

**Inhalation:**

May cause respiratory tract irritation.



**Chronic:**  
Not available.

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#### SECTION 4 - FIRST AID MEASURES

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**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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**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. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.

**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 appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:**

Wear appropriate protective gloves to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to minimize contact with skin.

**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	: Crystalline powder
Color	: beige to brown
Odor	: Not available.
PH	: Not available.
Vapor Pressure	: Not available.
Viscosity	: Not available.
Boiling Point	: Not available.
Freezing/Melting Point	: 223 - 226 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	: slightly soluble in water
Specific Gravity/Density	NA
Molecular Formula	C10H9NO2
Molecular Weight	175.19

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**SECTION 10 - STABILITY AND REACTIVITY**

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**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Incompatible materials.

**Incompatibilities with Other Materials:**  
Strong oxidizing agents, strong acids, strong bases.

**Hazardous Decomposition Products:**  
Carbon monoxide, oxides of nitrogen, irritating and toxic fumes and gases, carbon dioxide.

**Hazardous Polymerization:**  
Has not been reported.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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**RTECS#:**  
CAS# 26093-31-2 unlisted.

**LD50/LC50:**  
Not available.

**Carcinogenicity:**  
7-AMINO-4-METHYLCOUMARIN, 98% -  
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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NA

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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:

NA

### Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

### WGK (Water Danger/Protection)

CAS# 26093-31-2: No information available.

### United Kingdom Occupational Exposure Limits

### United Kingdom Maximum Exposure Limits

### Canada

CAS# 26093-31-2 is listed on Canada's NDSL List.

CAS# 26093-31-2 is not listed on Canada's Ingredient Disclosure List.

### Exposure Limits

### US FEDERAL

TSCA

CAS# 26093-31-2 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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