Safety Data Sheet

1. Identification of Substance/ Identification of Company

Product: 7-Amino-4-methylcoumarin
Catalog #: CXZ018
Chemical Formula: $C_{10}H_9NO_2$
Synonyms: Coumarin 120

Relevant Identified Uses: Laboratory chemicals, manufacture of substances

Supplier: AAPPTec, LLC
6309 Shepherdsville Road
Louisville, Kentucky USA
40228
Telephone: 502-968-2223
Fax: 502-968-3338

2. Hazards Identification

Classification of Substance or Mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Specific Target Organ Toxicity – Single Exposure (Category 3), Respiratory system, H335
For full text of H-Statements mentioned in this section, see Section 16

GHS Label Elements

Pictogram:

Signal Word: Warning

Hazard Statement(s):

H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

Precautionary Statement(s):

P261	Avoid breathing dust
P264	Wash skin thoroughly after handling
P271	Use only outdoors or in a well ventilated area
P280	Wear protective gloves/ eye protection/ face protection
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P388	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313	If skin irritation occurs: Get medical advice/ attention.
P337+P313	If eye irritation persists: Get medical advice/ attention.
P362	Take of contaminated clothing and wash before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up
P501	Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC) or Not Covered by GHS: none

3. Composition/ information on ingredients

Substance/preparation: Substance
Chemical Name: 7-Amino-4-methylcomarin
Formula: $C_{10}H_9NO_2$
Molecular Weight: 175.18 g/mol
CAS #: 26093-31-2
EC #: 247-454-8

Hazardous Components
7-Amino-4-methylcoumarin
Classification: Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335
Concentration: -
For full H-Statements mentioned in this section, see Section 16.

4. First Aid Measures

First Aid Measures

General: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area

Inhalation: If inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin Contact: Wash off with soap and plenty of water. Consult a physician.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a physician.

Important Symptoms and Effects, Both Acute and Delayed
The most important known symptoms and effects are described in Section 2 and/or Section 11

Indication of Any Immediate Medical Attention
No data available

5. Fire-fighting Measures

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

Hazardous thermal decomposition products: Oxides of carbon (CO, CO_2). Oxides of nitrogen (NOx).

Advice for firefighters: Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) if necessary

Other Information: No data available

6. Accidental Release Measures

Personal Precautions: Use personal protective equipment. Avoid breathing vapors, mist, or gas. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safety. For personal protection, see Section 8.

Environmental Precautions: Do not let product enter drains.

Method and Materials for Containment and Cleaning Up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to Other Sections: For disposal see Section 13

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see Section 2.

Conditions for Safe Storage: Keep container tightly closed in a dry well-ventilated place. Recommended storage temperature: 2 - 8 °C

Specific End Uses: Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

8. Exposure Controls/Personal Protection

Control Parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Exposure Controls

Engineering Controls

General industrial hygiene practice

Personal Protective Equipment

Eye/Face Protection: Safety glasses with side shields conforming to EB166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of dangerous substance at the specific workplace.

Respiratory: For nuisance exposures, use type N95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection, use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure: Do not allow product to enter drains.

9. Physical and Chemical Properties

Physical State: Solid
Color: No data available
Odor: No data available
Odor Threshold: No data available
pH: No data available
Melting Point: 223-226 °C (433-439 °F) lit.
Initial Boiling Point and Range: No data available
Flash Point: No data available
Evaporation Rate: No data available
Flammability: No data available
Upper/ Lower Flammability or Explosive Limits: No data available
Vapor Pressure: No data available
Vapor Density: No data available
Relative Density: No data available
Water Solubility: No data available
Partition Coefficient (n-Octanol/Water): No data available
Auto-ignition Temperature: No data available
Decomposition Temperature: No data available
Viscosity: No data available
Oxidizing Properties: No data available

Other Safety Information: No data available

10. Stability and Reactivity

Reactivity: No data available
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: No data available
Conditions to Avoid: Light
Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: Other decomposition products – No data available
In event of fire: See Section 5

11. Toxicological Information

Toxicological Effects
Acute Toxicology: No data available
Inhalation – No data available
Dermal – No data available
Skin Corrosion/Irritation: No data available
Serious Eye Damage/ Eye Irritation: No data available
Respiratory or Skin Sensitization: No data available
Germ Cell Mutagenicity: No data available
Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

Reproductive Toxicity: No data available
Specific Organ Toxicity – Single Exposure: Inhalation – May cause respiratory irritation
Specific Organ Toxicity – Repeated Exposure: No data available
Aspiration Hazard: No data available
Additional Information
RTECS: Not available
Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. Ecological Information

Toxicity: No data available
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
PBT and PvBv assessment: No data available
Other adverse effects: No data available

13. Disposal Considerations

Waste Treatment Methods
Product: Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated Packaging: Dispose of as unused product

14. Transportation

DOT
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

15. Regulatory Information

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313
SARA 311/312 Hazards: Acute health hazard

State Regulations:

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components:
7-Amino-4-methylcomarin
CAS No: 26093-31-2
Revision Date:

New Jersey Right To Know Components:
7-Amino-4-methylcomarin
CAS No: 26093-31-2
Revision Date:

California Prop. 65 Components:
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Full Text of H-Statements Referred to Under Sections 2 and 3

Eye Irrit.	Eye irritation
H315	Causes skin irritation
H319	Causes serious eye irritation
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity – single exposure

Hazardous Material Information System (U.S.A.)

Health	**2**
Fire Hazard	**0**
Reactivity	**0**
Chronic Health Hazard	

National Fire Protection Association (U.S.A.)

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