

## **SAFETY DATA SHEET**

According to Regulation (EC) No. 1907/2006

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

#### **1.1 Product identifiers**

**Product Number:** A0009

**Product name:** 7-Amino-4-methyl-3-coumarinylacetic acid

**CAS Registry Nr:** 106562-32-7

**REACH No.:** A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against** **Identified uses:**

Laboratory chemicals, Manufacture of substances.

#### **1.3 Details of the supplier of the safety data sheet Company**

Chemodex AG  
Lindenstrasse 77  
CH - 9000 St. Gallen  
Switzerland, Europe  
**Tel:** +41 71 244 48 25  
**Fax:** +41 71 244 48 26  
**eMail:** info@chemodex.com

#### **1.4 Emergency telephone number**

0041 44 251 5151 (Tox Zentrum, CH)

### **SECTION 2: Hazards identification**

#### **2.1 Classification of the substance or mixture**

##### **Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]**

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity - single exposure (Category 3)

##### **Classification according to EU Directives 67/548/EEC or 1999/45/EC**

Irritating to eyes, respiratory system and skin.

Version 1.0


Revision Date 02.04.2013

Print Date 03.04.2014

Page 1/7

## 2.2 Label elements

### Labelling according Regulation (EC) No. 1272/208

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 / fume / gas / mist / vapours / spray  
P305 + P351 + P338 If in eyes: rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements none

**2.3 Other hazards** None

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

**Mol. Formula** C<sub>12</sub>H<sub>11</sub>NO<sub>4</sub>  
**Mol. Weight** 233,22 g/mol  
**CAS Registry No.:** 106562-32-7

Component	Classification	Concentration
7-Amino-4-methyl-3-coumarinylacetic acid	CAS-No. 106562-32-7	-

## SECTION 4: 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

Version 1.0

Revision Date 02.04.2013

Print Date 03.04.2014

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

## **SECTION 5: Firefighting measures**

### **Suitable extinguishing media**

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

### **Special protective equipment for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

### **Hazardous combustion products**

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO<sub>x</sub>)

## **SECTION 6: Accidental release measures**

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

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

### **Environmental precautions**

Do not let product enter drains.

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

Pick up and arrange disposal without crating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## **SECTION 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.

### **Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place.

Hygroscopic light sensitive. Store under inert gas. Keep in a dry place.

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

Components with workplace control parameters

### **8.2 Exposure controls**

**Appropriate engineering controls:** General industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### **Personal protective equipment**

Version 1.0

Revision Date 02.04.2013

Print Date 03.04.2014

### Eye/face protection

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.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of environmental exposure

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a) <b>Appearance:</b>	<b>Form:</b> powder
b) <b>Odour:</b>	No data available
c) <b>Odour Threshold:</b>	No data available
d) <b>pH:</b>	No data available
e) <b>Melting point/freezing point:</b>	
<b>Melting point/range:</b>	$\geq 250$ °C
f) <b>Initial boiling point and boiling range:</b>	No data available
g) <b>Flash point:</b>	No data available
h) <b>Evaporation rate:</b>	No data available
i) <b>Flammability (solid, gas):</b>	No data available
j) <b>Upper/lower flammability or explosive limits:</b>	No data available
k) <b>Vapour pressure:</b>	No data available
l) <b>Vapour density:</b>	No data available
m) <b>Relative density:</b>	No data available
n) <b>Water solubility:</b>	No data available
o) <b>Partition coefficient (n-octanol/water):</b>	No data available
p) <b>Auto-ignition temperature:</b>	No data available
q) <b>Decomposition temperature:</b>	No data available
r) <b>Viscosity:</b>	No data available
s) <b>Explosive properties:</b>	No data available
t) <b>Oxidizing properties:</b>	No data available

### 9.2 Other safety information

Version 1.0

Revision Date 02.04.2013

Print Date 03.04.2014

No data available

## SECTION 10: Stability and reactivity

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

No data available.

### Conditions to avoid

No data available

### Materials to avoid

Strong oxidizing agents.

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions - Carbon oxides, nitrogen oxides (NOx).  
Other decomposition products - no data available.

## SECTION 11: Toxicological information

### Acute toxicity:

#### Oral LD50

No data available

#### Inhalation LC50

#### Dermal LD50

No data available

#### Other information on acute toxicity

No data available

#### Skin corrosion/irritation:

No data available

#### Serious eye damage/eye irritation:

No data available

#### Respiratory or skin sensitisation:

No data available

#### Germ cell mutagenicity:

No data available

### Carcinogenicity

#### IARC:

No component of this product presents 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 presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

#### NTP:

No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

#### OSHA:

No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Version 1.0

Revision Date 02.04.2013

Print Date 03.04.2014

<b>Reproductive toxicity:</b>	No data available
<b>Teratogenicity:</b>	No data available
<b>Specific target organ toxicity- single exposure:</b>	Inhalation - May cause respiratory irritation.
<b>Specific target organ toxicity- repeated exposure:</b>	No data available
<b>Aspiration hazard:</b>	No data available

**Potential health effects:**

<b>Inhalation</b>	May be harmful if inhaled. Causes respiratory tract irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Skin</b>	May be harmful if absorbed through skin. Causes skin irritation.
<b>Eyes</b>	Causes eye irritation.

<b>Synergistic effects</b>	No data available
----------------------------	-------------------

<b>Additional Information</b>	
<b>RTECS:</b>	Not available

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

No data available

### **12.6 Other adverse effects**

No data available

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

#### **Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

#### **Contaminated packaging**

Dispose of as unused product.

Version 1.0

Revision Date 02.04.2013

Print Date 03.04.2014

Page 6/7

## **SECTION 14: Transport information**

### **DOT (US)**

Not dangerous goods

### **IMDG**

Not dangerous goods

### **IATA**

Not dangerous goods

## **SECTION 15: Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

### **15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

## **SECTION 16: Other information**

### **Further information**

Copyright 2014 Chemodex AG. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but shall not be taken as being 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. Chemodex AG and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.chemodex.com](http://www.chemodex.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.