

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: A0214
Product name: Ajmalicine
CAS Registry Nr: 483-04-5

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] Acute toxicity, Oral (Category 4)

Classification according to EU Directives 67/548/EEC or 1999/45/EC Harmful if swallowed.

Version 1.0

Revision Date 02.04.2013

Drint Data 15 04 2015

Daga 1/7



2.2 Label elements

Labelling according Regulation (EC) No. 1272/208

Pictogram



Signal word Warning

Hazard statement (s)

H302 Harmful if swallowed

Precautionary statement (s)

Supplemental Hazard

Statements

none

According to European Directive 67/548/EEC as amended.

×

Hazard symbol(s)

R-phrase(s)

R22 Harmful if swallowed.

S-phrase(s)

none

2.3 Other hazards - none

SECTION 3: Composition/information on ingredients

3.1 Substances

 Mol. Formula
 C21H24N2O3

 Mol. Weight
 352,43 g/mol

 CAS Registry No.:
 483-04-5

Component	Classification	Concentration
Ajmalicine	CAS-No. 483-04-5	-
	EC-No. 207-589-5	

Version 1.0

Revision Date 02.04.2013

Print Date 15 04 2015



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 eve contact

Flush eyes with water as a precaution.

If swallowed

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

Most important symptoms and effects, both acute and delayed

Ingestion of large amounts may cause:, bradycardia, Ataxia.

Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

Suitable extinguishing media

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

Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx)

Special protective equipment for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available.

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. 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.

Version 1.0

Revision Date 02.04.2013

Drint Data 15 04 2015



Conditions for safe storage

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

Recommended storage temperature: 2 - 8 °C

Air sensitive. Store under inert gas.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday..

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 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

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Colour: beige

Respiratory protection

For nuisance exposures use type P95 (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).

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance: Form: powder

b) Odour:
 No data available
 No data available
 No data available
 No data available
 No data available

e) Melting point/freezing point:

Melting point/range: Melting point/range: 258 °C

f) Initial boiling point and

boiling range:

g) Flash point:

h) Evaporation rate:

i) Flammability (solid, gas):

No data available

No data available

No data available

j) Upper/lower flammability or

Version 1.0

Revision Date 02.04.2013

Print Data 15 04 2015



explosive limits:

k) Vapour pressure:

l) Vapour density:

m) Relative density:

n) Water solubility:

No data available

No data available

No data available

No data available

o) Partition coefficient

(n-octanol/water):

p) Auto-ignition temperature:
q) Decomposition temperature:
r) Viscosity:
s) Explosive properties:
No data available

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

Reactivity

No data available

Chemical stability

No data available

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available

Materials to avoid

No data available

Hazardous decompositions products

Other decomposition products - No data available.

SECTION 11: Toxicological information

Acute toxicity: LD50 Oral - mouse - 400 mg/kg

Other information n acute toxicity No data available

Skin corrosion/irritation:No data availableSerious eye damage/eye irritation:No data availableRespiratory or skin sensitisation:No data availableGerm 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.

Version 1.0

Revision Date 02.04.2013

Print Data 15 04 2015



Reproductive toxicity: No data available Teratogenicity: No data available

Specific target organ toxicity-

single exposure:

Specific target organ toxicity-

repeated exposure: No data available **Aspiration hazard:** No data available

Potential health effects:

May be harmful if inhaled. Causes respiratory tract irritation. Inhalation

Inhalation - May cause respiratory irritation.

Ingestion Harmful if swallowed.

Skin May be harmful if absorbed through skin. May causes skin

irritation.

Eyes May cause eye irritation.

Synergistic effects Ingestion of large amounts may cause: Bradycardia, Ataxia.

Additional Information

RTECS: AX7875000

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

Drint Data 15 04 2015 Daga 6/7



SECTION 14: Transport information

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

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

No data available

15.2 Chemical Safety Assessment

No data available

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 and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Version 1.0

Revision Date 02.04.2013

Print Data 16 04 2016 Page 7 /7