

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Citrinin

Revision 0

Revision date 2012-06-08

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

1.1. Product identifier

Product name	Citrinin
Other means of identification	NSC 186 BRN 0088597
CAS No.	518-75-2
Product code	AG-CN2-0101

1.3. Details of the supplier of the safety data sheet

Company	Adipogen International
Address	Adipogen AG Schützenstrasse 12 Postfach 335 CH-4410 Liestal
Web	www.adipogen.com
Telephone	+41-61-926-60-40
Fax	+41-61-926-60-49
Email	info@adipogen.com

1.4. Emergency telephone number


Emergency telephone number	+41-61-926-60-40
Company	Adipogen AG 9.00am to 6.00pm Mon-Fri Swiss Time

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Acute Tox. 3: H301+H311; Acute Tox. 3: H331; Carc. 2: H351;
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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Acute Tox. 3: H301+H311 - Toxic if swallowed or in contact with skin. Acute Tox. 3: H331 - Toxic if inhaled. Carc. 2: H351 - Suspected of causing cancer .
Precautionary Statement: Prevention	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do no eat, drink or smoke when using this product.

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2.2. Label elements

Precautionary Statement: Response	P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P281 - Use personal protective equipment as required.
	P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. 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. P308+P313 - IF exposed or concerned: Get medical advice/attention. P310 - Immediately call a POISON CENTER or doctor/physician. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P330 - Rinse mouth. P361 - Remove/Take off immediately all contaminated clothing. P363 - Wash contaminated clothing before reuse.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.

SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Citrinin		518-75-2			90 - 100%	

EC 1272/2008

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Citrinin		518-75-2			90 - 100%	Acute Tox. 3: H301+H311; Acute Tox. 3: H331; Carc. 2: H351;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon oxides.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Avoid raising dust. Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Wear: Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Solid
Colour	Yellow
Odour	Odourless
Melting point	178.5
Solubility	Insoluble in water

9.2. Other information

Chemical formula	C ₁₃ H ₁₄ O ₅
Mass number	250.3

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Irritating to eyes, respiratory system and skin. Caution - substance not yet fully tested.

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11.1.4. Toxicological Information

Citrinin	Dermal Rat LD50: 67mg/kg Dermal Guinea Pig LD50: 37mg/kg	Oral Mouse LD50: 112mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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Further information

	No data is available on this product.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN3172
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14.2. UN proper shipping name

	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID N.O.S.
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14.3. Transport hazard class(es)

ADR/RID	6.1
Subsidiary risk	-
IMDG	6.1
Subsidiary risk	-
IATA	6.1
Subsidiary risk	-

14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	60
Tunnel Category	(E)

IMDG

EmS Code	F-A S-A
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IATA

Packing Instruction (Cargo)	663
Maximum quantity	220 L
Packing Instruction (Passenger)	655
Maximum quantity	60 L

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Further information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulations

	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3

	Acute Tox. 3: H301+H311 - Toxic if swallowed or in contact with skin Acute Tox. 3: H331 - Toxic if inhaled. Carc. 2: H351 - Suspected of causing cancer .
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Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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