

118700

Revision: 22.02.2011
Printing date: 14.06.2014

01 Identification of the substance/mixture and of the company/undertaking

- Product identifier
- Trade name:
Noxiustoxin
- Article number:
new: 4031119 old: H-2194
- CAS Number:
143074-44-6
- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation
Laboratory chemicals
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Bachem AG
Hauptstrasse 144
CH-4416 Bubendorf
Switzerland
E-mail msds@bachem.com
Tel +41 61 935 2323
Fax +41 61 935 2325
- Further information obtainable from:
Department: Marketing
- Emergency telephone number:
+41 44 251 51 51 (Swiss Toxicological Information Centre, CH-Zurich)

02 Hazards identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS07

Acute Tox. 4 - H302 Harmful if swallowed.
Acute Tox. 4 - H312 Harmful in contact with skin.
Acute Tox. 4 - H332 Harmful if inhaled.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn Harmful

R 20/21/22
Harmful by inhalation, in contact with skin and if swallowed.

- Information concerning particular hazards for human and environment:
Not applicable.
- Label elements
- Labelling according to Regulation (EC) No 1272/2008



GHS07

- Signal word
Warning
- Hazard statements

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- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.
- **Precautionary statements**
 - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P264 Wash thoroughly after handling.
 - P270 Do not eat, drink or smoke when using this product.
 - P271 Use only outdoors or in a well-ventilated area.
 - P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 - P501a Dispose of contents/container in accordance with local/regional/ national/international regulations.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**
 - Not applicable.
- **vPvB:**
 - Not applicable.

03 Composition/information on ingredients

- **Chemical characterization: Substances**

<i>CAS No.</i>	<i>Description</i>
143074-44-6	Noxiustoxin

- **Identification number(s)**

• **EINECS Number:**

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• **RTECS Number:**

RD8420000

04 First aid measures

- **Description of first aid measures**
- **General information:**
 - Involve doctor immediately.
 - Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**
 - Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
 - Call a doctor immediately.
- **After skin contact:**
 - Seek immediate medical advice.
- **After eye contact:**
 - Rinse opened eye for several minutes under running water.
- **After swallowing:**
 - Call for a doctor immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
 - No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
 - No further relevant information available.

05 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
 - CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture**
 - No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
 - Mouth respiratory protective device.

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06 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
 - Avoid formation of dust.
 - Use respiratory protective device against the effects of fumes/dust/ aerosol.
 - Wear protective clothing.
- Environmental precautions:
 - Suppress gases/fumes/haze with water spray.
- Methods and material for containment and cleaning up:
 - Dispose contaminated material as waste according to item 13.

07 Handling and storage

- Handling:
 - Precautions for safe handling
 - Thorough dedusting.
 - Ensure good ventilation/exhaustion at the workplace.
 - Open and handle receptacle with care.
 - Prevent formation of dust.
 - Information about fire - and explosion protection:
 - Keep respiratory protective device available.
- Conditions for safe storage, including any incompatibilities
- Storage:
 - Requirements to be met by storerooms and receptacles:
 - No special requirements.
 - Information about storage in one common storage facility:
 - Store away from foodstuffs.
 - Further information about storage conditions:
 - Keep container tightly sealed.
 - Store in dry conditions.
 - Recommended storage temperature:
 - 20 +/- 5 °C
- Specific end use(s)
 - No further relevant information available.

08 Exposure controls/personal protection

- Control parameters
- Ingredients with limit values that require monitoring at the workplace:
 - Not required.
- Additional information:
 - The lists valid during the making were used as basis.
- Exposure controls
- Personal protective equipment:
 - General protective and hygienic measures:
 - Keep away from foodstuffs, beverages and feed.
 - Store protective clothing separately.
 - Avoid contact with the eyes and skin.
 - Respiratory protection:
 - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
 - Protection of hands:
 - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - Protective gloves
 - Material of gloves
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
 - Penetration time of glove material

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- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:
Safety glasses

09 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Powder
Colour:	Whitish
Odour:	Nearly odourless
Odour threshold:	Not determined.
Molecular Weight	4.194,9700 g/mol

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

Flash point:	Not applicable.
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Flammability (solid, gaseous):	Not applicable.
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Ignition temperature:

Decomposition temperature:	Not determined.
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Self-igniting:	Not determined.
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Danger of explosion:	Not determined.
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Explosion limits:

Lower:	Not determined.
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Upper:	Not determined.
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Vapour pressure:	Not determined.
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Density:	Not determined.
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Solubility in / Miscibility with

water:	Not determined.
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Viscosity:

Dynamic:	Not determined.
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Kinematic:	Not determined.
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Other information	No further relevant information available.
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10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- Possibility of hazardous reactions
No dangerous reactions known.
- Conditions to avoid
No further relevant information available.
- Incompatible materials:
No further relevant information available.
- Dangerous decomposition products:
No dangerous decomposition products known.

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11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
No further relevant information available.
- Primary irritant effect:
- on the skin:
No further relevant information available.
- on the eye:
No further relevant information available.
- Sensitization:
No sensitizing effects known.

12 Ecological information

- Toxicity
- Aquatic toxicity:
No further relevant information available.
- Persistence and degradability
No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential
No further relevant information available.
- Mobility in soil
No further relevant information available.
- Additional ecological information:
- General notes:
Not known to be hazardous to water.
- Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.
- Other adverse effects
No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Waste disposal key:
18 02 05
- Uncleaned packaging:
- Recommendation:
Disposal must be made according to official regulations.

14 Transport information

- Land transport ADR/RID (cross-border)
ADR/RID class: -
- Maritime transport IMDG:
IMDG Class: -
- Air transport ICAO-TI and IATA-DGR:
ICAO/IATA Class: -
- Environmental hazards:
Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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Not applicable.

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15 Regulatory information

- Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing MSDS:
Department: Marketing
- Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
- * Data compared to the previous version altered.