



L3101 Bufo bufo - Version 1.0 - 01/11/2006

Safety Data Sheet

L3101

Pure Venom of Bufo bufo

(Linnaeus, 1758)

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(H. de Pomyers, F. Principaud)

According to : 2004/73/CE (29th ATP)

Version : V1.0
Updated : 01/NOV/2006
Kingdom ANIMALIA
Phylum CHORDATA
Class AMPHIBIA
Order ANURA
Family BUFONIDAE

Common Name/s :
Crapaud commun (F)

Species Authority :
Linnaeus, 1758

1 - Product and Company Information

Product Name	Venom of Bufo bufo
Product Code	L3101
Manufacturer	LATOXAN
	20, Rue Léon Blum - F-2600 VALENCE - France
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2 - Composition / Information on Ingredients

Code - Scientific Name	L3101 - Bufo bufo
Synonym	
CAS #	None
EC no	None
Annex I Index no	None

3 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND ENVIRONMENT :

Not hazardous according to Directive 67/548/EEC.

4- First Aid Measures

AFTER INHALATION

If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Ensure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION

If swallowed, wash mouth out with water providing person is conscious. Call a physician immediately.



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WARRANTY

The above information is believed to be correct but does not purport to be 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. LATOXAN shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2006 Latoxan. License granted to make unlimited paper copies for internal use only.

DISCLAIMER

For RD use only.
Not for drug, household or other uses.

5 - Fire Fighting Measures**EXTINGUISHING MEDIA**

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS

Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 - Accidental Release Measures**PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL**

Evacuate area.

PROCEDURE(S) FOR PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Spilled material should be carefully wiped up or moistened with water and removed. Ventilate area and wash spill site after material pickup is complete.

7 - Handling and Storage**HANDLING**

Directions for Safe Handling: Avoid inhalation. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Do not use if skin is cut or scratched. Wash thoroughly after handling.

STORAGE

Conditions of Storage: Keep tightly closed.
Store at -20°C

8 - Exposure Controls / Personal Protection**ENGINEERING CONTROLS**

Safety shower and eye bath. Use only in a chemical fume hood.

GENERAL HYGIENE MEASURES

Wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Hand Protection: Compatible chemical-resistant gloves. Eye Protection: Chemical safety goggles.

9 - Physical and Chemical Properties

Appearance Physical State: Solid

Property Value At Temperature or Pressure

pH	N/A
BP/BP Range	N/A
MP/MP Range	N/A
Flash Point	N/A
Flammability	N/A
Autoignition Temp	N/A
Oxidizing Properties	N/A
Explosive Properties	N/A
Explosion Limits	N/A
Vapor Pressure	N/A
SG/Density	N/A
Partition Coefficient	N/A
Viscosity	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Evaporation Rate	N/A
Bulk Density	N/A



Decomposition Temp.	N/A
Solvent Content	N/A
Water Content	N/A
Surface Tension	N/A
Conductivity	N/A
Miscellaneous Data	N/A
Solubility	N/A

10 - Stability and Reactivity**STABILITY**

Stable: Stable.

Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Nature of decomposition products not known.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

11 - Toxicological Information**SENSITIZATION**

Sensitization: Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

SIGNS AND SYMPTOMS OF EXPOSURE

Snake venoms are cardioactive and can cause death by disturbing the normal heart rhythm. The mucus membrane which lines the mouth is a mean of introducing the venom into the bloodstream. (Venomous Animals and Their Venoms, vol. II: Bucherl, W. Editor).

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucus membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

TARGET ORGAN INFORMATION

Heart.

CONDITIONS AGGRAVATED BY EXPOSURE

May be fatal if enters bloodstream.

12 - Ecological Information**13 - Disposal Considerations****SUBSTANCE DISPOSAL**

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

14 - Transport Information**RID/ADR**

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

15 - Regulatory Information

Not hazardous according to Directive 67/548/EEC.

Caution: Substance not yet fully tested (EU)

16 - Other Information

For more information, see : www.latoxan.com