Gliotoxin
CAS-No. EC-No. KB4725000

**2. HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

- Acute Tox. 3; Classification protection
- Packing group: III
- R25
- Packing group: III
- EMS-No: F-A, S-A

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Form: powder
Color: light yellow powder

**4. FIRST AID**

In case of ingestion, immediately give 1-2 glasses of water or milk. For unconscious persons, give 4-8 glasses of water or milk. Do not give anything by mouth to an unconscious person.

In case of skin contact, immediately wash with soap and plenty of water. Consult a physician.

In case of eye contact, wash off with soap and plenty of water. Consult a physician.

**5. STABILITY AND REACTIVITY**

Stability: stable.

Reactivity: no data available.

**6. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Hygiene measures**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

**Respiratory protection**

- For aerosols: use a full-face supplied air respirator. Use respirators of the P3 filter class or a disposable respirator with filter P3. Use a half-face respirator with organic vapor filter cartridge. Use a half-face respirator that is suitable against dust and fumes. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator.
- In enclosed and poorly ventilated areas, use a full-face respirator with organic vapor filter cartridge. Use a half-face respirator with organic vapor filter cartridge. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator.

**Protective clothing**

- Face shield and safety glasses
- Eye protection
- Gloves
- Protective clothing according to EN 374
- Conditions to avoid: avoid contact with skin, eyes, clothing and breathing in dust, smoke or vapors.

**7. HANDLING AND STORAGE**

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

**Precautions for safe storage**

- Keep away from sources of ignition. Keep away from sources of ignition. Keep away from sources of ignition.
- Ventilation: adequate ventilation can prevent exposure to dust and fumes.
- Additional precautionary advice: use only R&D use.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Hygiene measures**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

**Respiratory protection**

- For aerosols: use a full-face supplied air respirator. Use respirators of the P3 filter class or a disposable respirator with filter P3. Use a half-face respirator with organic vapor filter cartridge. Use a half-face respirator that is suitable against dust and fumes. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator.
- In enclosed and poorly ventilated areas, use a full-face respirator with organic vapor filter cartridge. Use a half-face respirator with organic vapor filter cartridge. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator.

**Protective clothing**

- Face shield and safety glasses
- Eye protection
- Gloves
- Protective clothing according to EN 374
- Conditions to avoid: avoid contact with skin, eyes, clothing and breathing in dust, smoke or vapors.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

- Light yellow powder

**Boiling point**

- No data available

**Melting point**

- No data available

**pH**

- No data available

**Colour**

- Light yellow

**Density**

- No data available

**Odour**

- No data available

**Specific gravity**

- No data available

**Vapour pressure**

- No data available

**Flash point**

- No data available

**Reactivity**

- No data available

**10. STABILITY AND REACTIVITY**

Stability: stable.

Reactivity: no data available.

**11. TOXICOLOGICAL INFORMATION**

**Potential health effects**

- Sulphur oxides
- Respiratory irritation
- Irritation to the eyes

**Signs and Symptoms of Exposure**

- No data available

**Acute**

- Skin irritation
- Eye irritation

**Reproductive**

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

**Specific target organ toxicity - single exposure**

- No data available

**Specific target organ toxicity - repeated exposure**

- No data available

**Toxicokinetics**

- No data available

**Carcinogenicity**

- No data available

**Mutagenicity**

- No data available

**Sensitization**

- No data available

**Toxicological reviews**

- No data available

**Environmental information**

- No data available

**Other hazards**

- No data available

**12. ECOLOGICAL INFORMATION**

- No data available

**13. DISPOSAL**

- No data available

**14. TRANSPORT INFORMATION**

- UN-Number: 3462 Class: I

**15. REGULATORY INFORMATION**

**16. OTHER INFORMATION**

- Formula

**17. INFORMATION FOR REGISTRANTS**

- No data available

**18. DOCUMENTATION**

- No data available

**19. TRADE RESTRICTIONS**

- No data available

**20. DECLARATION**

- No data available

**21. MARKETING AND USER INFORMATION**

- No data available

**22. LEGAL INFORMATION**

- No data available

**23. RESEARCH INFORMATION**

- No data available

**24. COMPANY DATA**

- No data available

**25. MANUFACTURER INFORMATION**

- No data available

**26. CERTIFICATES**

- No data available

**27. OTHER INFORMATION**

- No data available

**28. QUALITY ASSURANCE**

- No data available

**29. PURCHASER INFORMATION**

- No data available

**30. AUTHORITIES INFORMATION**

- No data available

**31. METADATA**

- No data available

**32. SECURITY INFORMATION**

- No data available

**33. DATA SOURCES**

- No data available

**34. ADDITIONAL INFORMATION**

- No data available

**35. CONTACT INFORMATION**

- No data available

**36. DISCLOSURE**

- No data available

**37. DECLARATION**

- No data available

**38. AUTHORSHIP**

- No data available

**39. ACKNOWLEDGEMENTS**

- No data available

**40. REFERENCES**

- No data available

**41. ACKNOWLEDGEMENTS**

- No data available

**42. DISCLOSURE**

- No data available

**43. COPYRIGHT INFORMATION**

- No data available

**44. DISCLAIMER**

- No data available

**45. LEGAL INFORMATION**

- No data available

**46. TRADE RESTRICTIONS**

- No data available

**47. TRANSPORT INFORMATION**

- UN-Number: 3462 Class: I

**48. LEGAL INFORMATION**

- No data available

**49. COPYRIGHT INFORMATION**

- No data available

**50. TRADE RESTRICTIONS**

- No data available