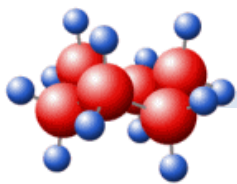
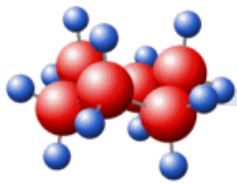


MSDS- Material Safety Data Sheet for: Ochratoxin B

	Section 1. Product and Company Information
Name:	Ochratoxin B
CAS Number:	4825-86-9
Catalog Code:	OCB
Synonyms	
Company Identification	Fermentek Ltd, Yatziv 4 st, Jerusalem Israel 97800. POB 47120 Tel. +97225853953 Fax. +97225853943 Fermentek@fermentek.com
	Section 2. Composition/Information on Ingredient
EINECS/ELINCS	Not available
Chemical Formula:	C20-H19-N-O6
RTECS	AY6825000
TSCA	not listed
	Section 3. Hazards Identification
According to European Directive 67/548/EEC	R22 Harmful if swallowed. R36/37/38 Irritating to eyes, respiratory system and skin.
Hazard statements	H301 Toxic if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation
HMIS rating	Health Hazard: 2; Fire Hazard: 1; Reactivity: 0; Personal Protection: E
	Section 4. First Aid Measures
Eye Contact	Check for and remove contact lenses. Flush eyes with running water for at least 15 minutes separating eyelids. Seek medical attention immediately.
Skin Contact	Wash with soap and water for 15 minutes. Remove contaminated clothing and shoes. Seek medical attention immediately
Inhalation	Remove from exposure. If breathing is difficult, administer oxygen. If breathing stops, administer artificial respiration. Seek medical attention immediately. Provide chemical label and MSDS if possible.
Ingestion	Remove dentures and clear mouth. If person is conscious, rinse mouth with water Call physician or poison control immediately. Provide chemical label and MSDS information if possible.
	Section 5. Fire and Explosion Data
Flammability	Not Available
Flash Point	Not Available
Combustion products	CO, CO2, NO,NO2,
Extinguishing Media	Carbon Dioxide, Dry chemical powder, polymer foam, water spray
Special Firefighting Procedures	Use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual Fire/Explosion Hazards	None known
	Section 6 - Accidental Release Measures
Cleanup Procedures	Wearing appropriate protective gear as outlined under "Protective equipment" wipe up spill and place in sealed container and hold for disposal. Avoid raising dust. Ventilate the area and wash spill site after material has been removed



Waste Disposal Method	Observe all Federal, State and Local regulations concerning the disposal of this product. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete
Section 7 - Handling and Storage	
Protective Equipment	For spill clean-up, wear suitable protective clothing, chemical resistant rubber gloves, rubber boots, and chemical safety goggles. Self-contained breathing apparatus or NIOSH/MSHA approved respirator is recommended.
Storage and Handling	This product should be kept in a tightly closed container. This product should be handled only by qualified experienced professionals. Wash thoroughly after handling this material Store at -18oC
Section 8 - Exposure Controls / Personal protection	
General	Use only in a chemical fume hood. Safety shower and eye bath. Use adequate ventilation to keep airborne concentrations low
Personal protective equipment	Respiratory: Government approved respirator. Hand: Compatible chemical-resistant gloves. Eye: Chemical safety goggles.
Section 9. Physical Data	
Appearance	White to yellowish powder
Molecular Weight	369.4
Melting	211°C
Solubility	DMSO, Methanol, Ethanol. DCM
Section 10. Stability and Reactivity Data	
Stability	This material is stable if stored as directed
Conditions to Avoid	Excess heat, incompatible materials, strong oxidizers
Incompatibles	Reactive with oxidizing agents, acids, alkalis.
Hazardous polymerization	Will not occur
Section 11 - Toxicological Information	
RTECS#:	AY6825000
Routes of Entry	Absorbed through skin. Dermal contact. Inhalation. Ingestion.
Toxicity to Animals	Oral, Rat, LD50= 200 mg/kg
Chronic Effects on Humans	Carcinogenic Effects: (IARC) no evidence.
Other Toxic Effects on Humans	May be harmful in case of inhalation. Toxic if swallowed. May be harmful if adsorbed through skin in case of skin contact Serious Eye irritant.
Special Remarks on Chronic Effects on Humans	
Acute Potential Human Health Effects	Skin: May cause skin irritation. May be absorbed through skin. Eyes: May cause eye irritation. May cause conjunctivitis. Inhalation: May be fatal if inhaled. May cause respiratory tract irritation. Ingestion: May be fatal if swallowed. May cause digestive tract irritation with possible ulceratin or bleeding from stomach. May affect the urinary system (kidneys), endocrine system, liver (necrosis, fatty liver degeneration, , blood, behavior (somniaence, altered sleep time, ataxia), respiration (acute pulmonary edema), metabolism, cardiovascular system. Chronic Potential Health Effects May cause Kidney damage
Section 12 - Ecological Data	
Ecotoxicological Information:	None Available



	Section 13 - Disposal Considerations
Appropriate method of disposal of substance or preparation	Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
	Section 14 - Transport Information
US DOT	UN /ID : UN3462 label code 6.1; Packing group III Proper shipping name TOXINS EXTRAC TED FROM LIVING SOURCES, SOLID, N.O.S. (Ochratoxin B) IATA: Toxins, extracted from living sources, solid, n.o.s. (Ochratoxin B) Transport hazard class(es) ADR/RID: 6.1 IMDG: 6.1 IATA: 6.1 Packaging group ADR/RID: III IMDG: III IATA: III
	Section 15-Regulatory Information
	Not available
	Section 16 -Other Information
Disclaimer	For R&D use only. Not for drug, household or other uses
Warranty	DISCLAIMER For R&D use only. Not for drug, household or other uses. For use only by trained personnel. 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. The burden of safe use of this material rests entirely with the user. Fermentek shall not be held liable or any damage resulting from handling or from contact with the above product.
Review	This document has been reviewed on 27-June-2014 ; mg