

	<i>Section 1. Product and Company Information</i>
Name:	Wortmannin
CAS Number:	19545-26-7
Catalog Code:	W
Company Identification	Fermentek Ltd
	<i>Section 2. Composition/Information on Ingredient</i>
Chemical Formula:	C ₂₃ H ₂₄ O ₈
	<i>Section 3. Hazards Identification</i>
Acute Health Effects	To the best of our knowledge, the toxicological properties of this compound have not been fully investigated. Exercise appropriate precautions to prevent opportunities for inhalation, and to prevent direct contact with skin and eyes. All uncharacterized chemicals should be treated as suspected toxins.
Eye	May cause eye irritation
Skin:	Harmful if absorbed through the skin
Ingestion:	Harmful if swallowed
Inhalation:	Harmful if inhaled
Chronic Health Effects	unknown
	<i>Section 4. First Aid Measures</i>
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. <i>Seek medical attention immediately</i>
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.
	<i>Section 5. Fire and Explosion Data</i>
Flammability	Not Available
Flash Point	Not Available
Combustion Products	CO, CO ₂ ,
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
	<i>Section 6 - Accidental Release Measures</i>
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.						
	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 room temperature -18°C						
	Section 8 - Exposure Controls / Personal protection						
<i>General</i>	Use only in a chemical fume hood. Safety shower and eye bath. Use adequate ventilation to keep airborne concentrations low						
Personal protective equipment	<table border="1"> <tr> <td>Respiratory:</td> <td>Government approved respirator.</td> </tr> <tr> <td>Hand:</td> <td>Compatible chemical-resistant gloves.</td> </tr> <tr> <td>Eye:</td> <td>Chemical safety goggles.</td> </tr> </table>	Respiratory:	Government approved respirator.	Hand:	Compatible chemical-resistant gloves.	Eye:	Chemical safety goggles.
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	Section 9. Physical Data						
Appearance	White Powder						
Molecular Weight	428.1632						
Solubility	DMSO, Ethanol						
	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	Not Available						
Hazardous polymerization	Will not occur						
	Section 11 - Toxicological Information						
RTECS#:	Not Available						
Acute toxicity:	none known						
LD50	Not Available						
	Section 12 - Ecological Data						
Ecotoxicological Information:	None Available						
	Section 13 - Disposal Considerations						
Appropriate method of disposal of substance or preparation	<p>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.</p> <p>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.</p>						

	<i>Section 14 - Transport Information</i>
Non-Hazardous for transport	This substance is considered to be non-hazardous for transport
US DOT	Not regulated
	<i>Section 16 - Other Information</i>
Disclaimer	For R&D use only. Not for drug, household or other uses
Warranty	<p style="text-align: center;">DISCLAIMER</p> <p><i>For R&D use only. Not for drug, household or other uses. For use only by trained personnel.</i></p> <p><i>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.</i></p>