



MSDS- Material Safety Data Sheet for: Thapsigargin

<i>Section 1. Product and Company Information</i>	
Company identification	<p>Fermentek Ltd, Yatziv 4 st, Atarot industrial zone, Jerusalem Israel 97800. POB 47120</p> <p>Tel. +97225853953 Fax. +97225853943 Fermentek@fermentek.com http://fermentek.com</p>
Name:	Thapsigargin
CAS Number:	67526-95-8
Catalog Code:	TH
<i>Section 2. Composition/Information on Ingredient</i>	
EINECS/ELINCS	Not listed
Chemical Formula:	C ₃₄ H ₅₀ O ₁₂
<i>Section 3. Hazards Identification</i>	
indication of hazards	Cancer suspect agent.
Eye	May cause eye irritation
Skin	May cause skin irritation. May be fatal if absorbed through the skin.
Ingestion	May be fatal if swallowed. May cause irritation of the digestive tract
Inhalation	May be fatal if inhaled. May cause respiratory tract irritation
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. 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.
<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. 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
	<i>Section 7 - Handling and Storage</i>
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. Keep Store in a cool, dry place. Store in a tightly closed container. Deep freeze (below -20°C).
	<i>Section 8 - Exposure Controls / Personal protection</i>
General	Use only in a chemical fume hood. Safety shower and eye bath. Use adequate ventilation to keep airborne concentrations low
Personal protective equipment	<ul style="list-style-type: none"> Respiratory: Government approved respirator. Hand: Compatible chemical-resistant gloves. Eye: Chemical safety goggles.
	<i>Section 9. Physical Data</i>
Appearance	Off white powder
Molecular Weight	650.3428
Solubility	DMSO, Ethanol
	<i>Section 10. Stability and Reactivity Data</i>
Stability	Unavailable
Conditions to Avoid	Excess heat, incompatible materials, strong oxidizers, strong light, exposure to air
Incompatibles	Not Available
Hazardous polymerization	Will not occur
	<i>Section 11 - Toxicological Information</i>
RTECS#:	unlisted
Acute toxicity:	none known
Carcinogenicity	CAS# 67526-95-8 Not listed by ACGIH, IARC, NTP, or CA Prop 65.
	<i>Section 12 - Ecological Data</i>
Ecotoxicological Information:	None Available
	<i>Section 13 - Disposal Considerations</i>
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.
	<i>Section 14 - Transport Information</i>
Non-Hazardous for transport	This substance is considered to be non-hazardous for transport
US DOT	DOT regulated - small quantity provisions apply (see 49CFR173.4)
	<i>Section 15 - Regulatory Information</i>
TSCA	Not listed on the TSCA inventory. It is for research and development use only.
Labeling in Accordance with EC Directives	Hazard Symbols T+
Safety Phrases	S 36/37/39Wear suitable protective clothing, gloves and eye/face protection S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S 28A After contact with skin, wash



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	immediately with plenty of water
Risk Phrases	R 26/27/28 Very toxic by inhalation, in contact with skin and if swallowed
	<i>Section 16 -Other Information</i>
Warranty	For R&D use only. Not for drug, household or other uses. For use only by trained personnel.
Disclaimer	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.

