

MSDS- Material Safety Data Sheet for: Trichostatin A

<i>Section 1. Product and Company Information</i>	
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Name:	TRICHOSTATIN A
CAS Number:	58880-19-6
Catalog Code:	TR
<i>Section 2. Composition/Information on Ingredient</i>	
EINECS/ELINCS	Not listed
Chemical Formula:	C ₁₇ H ₂₂ N ₂ O ₃
<i>Section 3. Hazards Identification</i>	
Overview	Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.
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 , NO,NO ₂ ,
Extinguishing Media	Carbon Dioxide, Dry chemical powder, polymer foam, water spray
Fire-fighting Procedures	Use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual Fire 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 Store at -18°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	Respiratory: Government approved respirator. Hand: Compatible chemical-resistant gloves. Eye: Chemical safety goggles.
	<i>Section 9. Physical Data</i>
Appearance	Off white powder
Mol Weight	280.4
Solubility	DMSO, Ethanol
	<i>Section 10. Stability and Reactivity Data</i>
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
	<i>Section 11 - Toxicological Information</i>
RTECS#:	MI521500
Acute toxicity:	none known
Sensitization	Skin: May cause allergic skin reaction
Signs and symptoms of exposure	Exposure can cause: Headache. Dizziness. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated
Exposure Route	Inhalation: Material is irritating to mucous membranes and upper respiratory tract
Multiple routes	Harmful if swallowed, inhaled, or absorbed through skin. Causes eye and skin irritation
Target organs	Central nervous system. Kidneys. Liver. G.I. System. Skeletal muscle. Cardiovascular system
Chronic exposure	Mutagen: Rat 100 UG/L, Cell Type: Embryo, DNA inhibition
	<i>Section 12 - Ecological Data</i>
Ecotoxicological Information:	None Available
	<i>Section 13 - Disposal Considerations</i>
Appropriate method of disposal	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>
General	This substance is considered to be non-hazardous for transport
US DOT	Not regulated
	<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.