

Vanson HaloSource, Inc
Material Safety Data Sheet

Material Name: **SEA-KLEAR Tablets**
Telephone No: **425-881-6464**

VHI-MSDS-02.14 Rev 02
Date Prepared: 12-13-02

24-HOUR EMERGENCY PHONE: CHEMTREC 800-424-9300

SECTION I – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Manufacturer's Name: Vanson HaloSource, Inc.
Corporate Address: 14716 NE 87th Street, Redmond, WA 98052
Emergency Phone: 800-424-9300 Chemtrec
Manufacturer's Phone: (425) 881-6464
Material Name: SEA-KLEAR Tablets
Chemical Formula: Chitosan Lactate

SECTION II – COMPOSITION, INFORMATION ON INGREDIENTS

CAS NO.	INGREDIENT	EXPOSURE LIMITS
66267-50-3	Chitosan Lactate	OSHA PEL: N/A OSHA STEL: N/A ACGIH TLV: N/A

SECTION III – HAZARDS IDENTIFICATION

PRINCIPAL HEALTH HAZARDS, INCLUDING SIGNIFICANT ROUTES, EFFECTS, AND SYMPTOMS OF OVEREXPOSURE AND MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE MAY BE:

EYE: Possible eye irritant.

SKIN: Possible skin irritant.

INHALATION: NA

INGESTION: NA

CARCINOGENICITY: Not listed by National Toxicology Program (NTP) OSHA, or International Agency for Research on Cancer (IARC)

SECTION IV - FIRST AID

EYES: Immediately flush eyes with plenty of water.

SKIN: immediately flush with soap and water.

INHALATION: NA

INGESTION: NA

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SECTION V - FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: NA

EXTINGUISHING MEDIA: Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.

FIREFIGHTING INSTRUCTIONS: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

FLASH POINT: Not applicable.

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Sweep up and dispose as a solid organic waste in accordance with local, State and federal regulations. Flush residue with water.

DISPOSAL INFORMATION: Material is 100% biodegradable, is nontoxic and can be disposed of in any approved manner. Treatment, storage, transportation and disposal must be in accordance with applicable Federal State/Provincial and local regulations.

DISPOSAL METHODS: as a solid organic waste in accordance with local, State and federal regulations. Flush residue with water.

SECTION VII - HANDLING & STORAGE

HANDLING & STORAGE PRECAUTIONS: Store @ temperature below 110° F to prevent deformation.

SECTION VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE): Good hygiene practices should be strictly followed. Before eating, drinking or smoking, wash face and hands thoroughly. For operations where eye or face contact may occur, wear chemical goggles or face shield. Showers and eyewash facilities should be accessible.

EYE PROTECTION: None required when used as directed.

SKIN PROTECTION: None required when used as directed..

PROTECTIVE CLOTHING: NA

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PROTECTIVE FOOTWEAR: NA

RESPIRATORY PROTECTION: NA

VENTILATION REQUIREMENTS: Generally adequate

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL FORM: Off white solid, no odor

BOILING POINT: NA

MELTING POINT: NA

pH: NA

SOLUBILITY IN WATER: Soluble.

SPECIFIC GRAVITY: NA

SECTION X - STABILITY & REACTIVITY DATA

CHEMICAL STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBLES: Avoid strong oxidants.

DECOMPOSITION PRODUCTS: Carbon Monoxide. Carbon Dioxide.

SECTION XI - TOXICOLOGICAL INFORMATION

ORAL Rat LD₅₀ (MG/KG): NA

Ipr Rat, LD₅₀(MG/KG): NA

SCU Mouse, LD₅₀(MG/KG): NA

IV-Mouse, LD₅₀(MG/KG): NA

DERMAL LD₅₀ (rabbit): NA

EYE IRRITATION (rabbit): NA

SKIN IRRITATION (rabbit): NA

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SECTION XII - ECOLOGICAL INFORMATION

Fish 96-hour LC ₅₀	=	NA
Daphnia 48-hour LC ₅₀	=	NA
Green algae 96-hour EC ₅₀	=	NA
Fish Chronic Value (ChV)	=	NA
Daphnia ChV	=	NA
Algae ChV	=	NA

SECTION XIII - DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable federal, local and State environmental regulations.

SECTION XIV - TRANSPORTATION INFORMATION

DOT Proper Shipping Name:	None
DOT Hazard Class:	Not regulated as a hazardous material
Packing Group:	Not determined
UN Number:	Not determined
Product RQ (lbs.):	No limit
DOT Label:	Miscellaneous
DOT Placard:	Not required
Freight Class (package):	Not determined

SECTION XV - REGULATORY INFORMATION

MATERIAL IS REPORTED IN EPA TSCA INVENTORY LIST?: No

MATERIAL IS LISTED AS A CARCINOGEN/POTENTIAL CARCINOGEN IN FOLLOWING?: No

NTP ANNUAL REPORT: No **IARC GROUP I OR II:** No **OSHA 29CFR PART 1910 SUBPART Z:** No

DOES PRODUCT CONTAIN A TOXIC CHEMICAL SUBJECT TO SARA TITLE III SECTION 313 REPORTING: No

SARA TITLE III SECTION 311/312 CLASSIFICATIONS: None

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SECTION XVI – OTHER INFORMATION

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