

Vanson HaloSource, Inc.
Material Safety Data Sheet

Material Name: **SEA-KLEAR-Self-Foccing Defoamer**
Telephone: **(425) 881-6464**

VHI-MSDS 02.18 Rev-2
Date Prepared: **December 17, 2002**

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
Manufacturer's Phone (Emergency): 425-881-6464
Manufacturer's Phone (Other): 800-424-9300
Material Name: SEA KLEAR-Self-floccing defoamer
Chemical Name:

SECTION II – COMPOSITION, INFORMATION ON INGREDIENTS

| CAS NO. | INGREDIENT | % | EXPOSURE LIMITS |
|---------|-------------------------------------|------------|---|
| | Methylated Silica | | OSHA PEL: N/A OSHA STEL: N/A ACGIH TLV: N/A |
| | Octamethyl cyclotetrasiloxane | 0.01-0.05% | |
| | Poly-N-Acetylglucosamine (Chitosan) | 1% | |
| | Acetic Acid | 1% | |
| | Water | 98% | |

SECTION III – HAZARDS IDENTIFICATION

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

EYE: May cause moderate irritation.

SKIN: None.

INHALATION: Non significant.

INGESTION: Large amounts may cause digestive discomfort.

CARCINOGENICITY: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION IV - FIRST AID

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EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN: Wash.

INHALATION: If large amounts are inhaled, remove to fresh air.

INGESTION: Drinking large amounts may cause digestive discomfort.

SECTION V - FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: Combustion may evolve carbon oxides, silicon dioxides, or formaldehyde.

EXTINGUISHING MEDIA: Dry chemical, Co₂, foam or water spray extinguishers.

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: >212 F/100 C.

SECTION VI – ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wash with water.

LARGE SPILL: No information on handling large spills.

DISPOSAL INFORMATION: Not classified as hazardous waste.

DISPOSAL METHODS: Disposal must be made in accordance with all applicable governmental regulations.

SECTION VII - HANDLING & STORAGE

HANDLING & STORAGE PRECAUTIONS: Keep covered and stored in container.

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.

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EYE PROTECTION: Safety glasses recommended.

SKIN PROTECTION: Wash hand after working with.

PROTECTIVE CLOTHING: Rubber gloves recommended.

PROTECTIVE FOOTWEAR: N/A

RESPIRATORY PROTECTION: Not required with normal use.

VENTILATION REQUIREMENTS: Generally adequate ventilation recommended.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL FORM: Whitish opaque.

ODOR: Odorless

MELTING POINT/FREEZE POINT: n/a

SOLUBILITY IN WATER: Complete.

BOILING POINT: 211° C

pH: unknown

SPECIFIC GRAVITY: @25° C 1.004g/ml

SECTION X - STABILITY & REACTIVITY DATA

CHEMICAL STABILITY: Stable

HAZARDOUS POLYMERIZATION: Polymerization will not occur.

INCOMPATIBLES: Strong oxidizing material and strong bases can cause reaction.

DECOMPOSITION PRODUCTS: Combustion may evolve carbon oxides, silicon dioxides, or formaldehyde.

SECTION XI - TOXICOLOGICAL INFORMATION

ORAL LD₅₀ (rat): > 2,000 mg/kg

DERMAL LD₅₀ (rabbit): > 11,000 mg/kg

EYE IRRITATION (rabbit): N/A

SKIN IRRITATION (rabbit): N/A

INHALATION 4-hr LC50 (rat): >5 mg/1

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SECTION XII - ECOLOGICAL INFORMATION

Fish 96-hour LC₅₀ = > 1,000 ppm
Daphnia 48-hour LC₅₀ = N/A
Green algae 96-hour EC₅₀ = N/A
Fish Chronic Value (ChV) = N/A
Daphnia ChV = N/A
Algae ChV = N/A

SECTION XIII - DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: If approved, flush to sewer or waste treatment plant. Large quantities should be neutralized with soda ash. State and local regulations may differ from federal regulations. Dispose of containers and unused contents in accordance with all applicable federal, state, and local regulations.

SECTION XIV - TRANSPORTATION INFORMATION

DOT Proper Shipping Name:
DOT Hazard Class:
UN Number:
DOT Label:
Freight Class (package):

Packing Group:
Product RQ (lbs.): No limit
DOT Placard: Not required

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

This product does not contain any toxic chemicals in quantities subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 732.

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SARA TITLE III SECTION 311/312 CLASSIFICATIONS: None

SECTION XVI – OTHER INFORMATION

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