

VAPORTEK MATERIAL SAFETY DATA SHEET

(May be used for compliance with OSHA's Hazard Combination Standard 29 CFR 1910.1200)

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DATE PREPARED/UPDATED: August 2002
FOR INFORMATION OR EMERGENCIES CALL:
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SECTION 1: PRODUCT IDENTIFICATION:

Product Name/Identity: Vaportek BIO-C Liquid Odor Neutralizer
General Purpose Formula (GP)
Item numbers: 90-1301/2/4

SECTION 2: HAZARDOUS INGREDIENTS/IDENTIFICATION:

(As established by the American Conference of Governmental Hygienists and/or standards promulgated by the U.S. Occupational Safety and Health Administration.)

no.	component	CAS number	% by weight	OSHA PEL (PPM)	ACGIH TLV (PPM)	NOTE*
1.	alpha pinene	80-56-8	Less than .01%	N/A	N/A	
2.	iso amyl acetate	123-92-2	Less than .01%	N/A	N/A	
3.	cinnamic aldehyde	104-55-2	Less than .01%	N/A	N/A	

All of the above ingredients are considered to be food grade components.
No ingredients in this product are recognized as carcinogenic

Note* The following information only applies when a number appears in the right hand "NOTE" column above.

1. PEL/TLV not established for this item.
2. This item is listed as a toxic chemical subject of the SARA Sec. 313 Act of 1985
3. This item is considered a carcinogen by OSHA, by NTP, or by the IARC.

SECTION 3: PHYSICAL DATA/CHEMICAL CHARACTERISTICS:

Boiling Point: N/A Melting Point: N/A
Vapor Pressure: N/A Specific Gravity: N/A
Vapor Density (Air = 1): Heavier Solubility in Water: Soluble
Appearance and Odor: a translucent liquid having a characteristic spicy odor.

SECTION 4: FIRE AND EXPLOSION HAZARDS:

Flash Point: N/A
Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: Carbon Dioxide, Dry Chemical or Universal Type Foam, applied in accordance with manufacturer's instructions.
Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn whenever fighting fires involving chemicals.
Unusual Fire and Explosion Hazards: None Known to Vaportek.
NFPA Ratings: Health = 1, Flammability = 0, Reactivity = 0.

SECTION 5: HEALTH HAZARD DATA:

Routes of entry: ingestion, inhalation, skin and eye contact.
Signs and Symptoms of Exposure:
 Eyes: May cause temporary irritation.
 Skin: Prolonged contact may cause temporary irritation or redness.
 Ingestion: Liquid may be harmful if swallowed.
 Inhalation: No hazards known to Vaportek.
Emergency First Aid Procedures:
 Eyes: Flush with copious amounts of water for at least 15 minutes.
 If irritation persists, consult a physician.
 Skin: Wash effected area with soap. Remove any contaminated clothing and wash prior to reuse.
 Ingestion: Drink milk or water and contact a physician as necessary.
 Inhalation: Remove to fresh air and seek medical attention as necessary.
Medical Conditions Generally Aggravated by Exposure: None Known to Vaportek.
Threshold Limit Value: Not Determined by ACGIH or OSHA.
Other Significant and Relevant Laboratory Data: None of the ingredients in this product are listed as carcinogens or potential carcinogens by NTP, IARC, or OSHA.

(continued on reverse)

SECTION 6: REACTIVITY DATA:

This product presents no reactivity hazard. It is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid product contact or contamination with strong acids, alkalis, or oxidizing agents. Carbon monoxide and unidentified organic compounds may be formed during combustion.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to be taken if material is released or spilled:

Always use appropriate safety equipment. This material should present no toxicity or flammability hazard if spilled in small amounts. Simply cover such spill with a non-combustible material and remove to an approved disposal container.

If large amounts are spilled, it should be absorbed with an appropriate non-combustible material. Avoid any sources of ignition and ventilate.

Disposal Method: Dispose of in accordance with appropriate local, state and federal regulations.

Storage / Handling Precautions: Store in sealed containers in a cool, dry place that is well ventilated.

SECTION 8: CONTROL MEASURES:

Eye Protection:	Chemical resistant goggles are recommended.
Protective Clothing:	Generally not required.
Protective Gloves:	Chemical resistant gloves are recommended.
Respiratory Protection:	Generally not required.
Ventilation:	Not required, use mechanical exhaust as needed.
Other Protective Equipment:	Eyewash station and safety shower should be easily accessible.

Work and Hygiene Practices:

Good personal hygiene practices should always be observed. Avoid contact with eyes and skin. Wash with soap and water after contact with liquid. Contaminated clothing should be cleaned before reuse.

SECTION 9: REGULATORY STATUS:

This product is not subject to US Department of Transportation hazardous goods classification. Based on currently available information, this product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California's Safe Drinking Water and Toxic Enforcement Act of 1986 - Proposition 65. All applicable elements of this formulation are listed in the TSCA inventory, as required by the Toxic Substances Control Act.

DISCLAIMER:

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Vaportek's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for the loss, damage, or expense arising out of the improper use of this product. No warranty expressed or implied regarding this product described herein shall be created by, or inferred from, any statement or omission in this MSDS.