



Revision Number: 001.1

Issue date: 02/17/2010

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** AQUENCE ENV 767P KNOWN AS VECTOR 767 PLUS 32-767P **IDH number:** 1292895  
**Product type:** Adhesive **Region:** United States  
**Company address:** Henkel Corporation, 10 FINDERNE AVENUE, BRIDGEWATER, NEW JERSEY 08807  
**Contact information:** Customer Service: 1-888-480-6885, Emergency phone: 860-571-5100, Transport: CHEMTREC 800-424-9300, Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

<b>Physical state:</b> Liquid	<b>HMIS:</b>	<b>HEALTH:</b> 1
<b>Color:</b> Amber		<b>FLAMMABILITY:</b> 0
<b>Odor:</b> Sweet		<b>PHYSICAL HAZARD:</b> 0
		<b>Personal Protection:</b> See MSDS Section 8

**CAUTION:** MAY CAUSE RESPIRATORY TRACT IRRITATION.

**Relevant routes of exposure:** Skin, Eyes, Inhalation

**Potential Health Effects**

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.  
**Skin contact:** Prolonged and/or repeated skin contact may result in mild irritation or redness.  
**Eye contact:** May cause slight irritation to eyes on contact.  
**Ingestion:** May cause gastrointestinal tract irritation if swallowed. Not expected under normal conditions of use.

**Existing conditions aggravated by exposure:** None known

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous components	CAS NUMBER	%
Propanediol-1,2	57-55-6	1 - 5
Vinyl acetate	108-05-4	0.1 - 1

**4. FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.

**Skin contact:** Wash with soap and water. If symptoms develop and persist, get medical attention.

**Eye contact:** If irritation develops, flush eyes immediately with large amounts of water. If irritation persists, seek medical attention or advice.

**Ingestion:** Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. If symptoms develop and persist, get medical attention. Never give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

**Flash point:** > 100.00 °C (> 212°F) Closed cup

**Autoignition temperature:** Not applicable

**Flammable/Explosive limits - lower:** Not applicable

**Flammable/Explosive limits - upper:** Not applicable

**Extinguishing media:** Use extinguishing measures appropriate to local circumstances and the surrounding environment. Water spray or fog. Foam. Carbon dioxide. Dry chemical.

**Special firefighting procedures:** Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

**Unusual fire or explosion hazards:** This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a moderate fire hazard. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

**Hazardous combustion products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

**Environmental precautions:** No special environmental precautions required. Do not allow material to contaminate ground water system.

**Clean-up methods:** Take up with liquid-absorbing material (sand). Wash spillage site thoroughly with soap and water or detergent solution. Dispose of according to Federal, State and local governmental regulations.

## 7. HANDLING AND STORAGE

**Handling:** Avoid extreme temperatures. Protect from freezing. This material should not be spilled, discharged, or flushed into sewers or public waterways. Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapors.  
Do not wear contact lenses.

**Storage:** For safe storage, store between 5.0 °C (41°F) and 40.0 °C (104°F)  
Below temperature limit the product properties will change. Keep container closed. Keep from freezing. Keep in a cool place.

**For information on product shelf life, please review labels on container or check the Technical Data Sheet.**

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.**

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Propanediol-1,2	None	None	10 mg/m3 TWA Aerosol.	None
Vinyl acetate	10 ppm TWA 15 ppm STEL	None	None	None

**Engineering controls:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Handle in accordance with good industrial hygiene and safety practice

**Respiratory protection:** Under normal conditions, respirator is not normally required. If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

**Eye/face protection:** Wear safety glasses with side shields. Do not wear contact lenses.

**Skin protection:** Use of protective coveralls and long sleeves is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Color:** Amber  
**Odor:** Sweet  
**Odor threshold:** Not available  
**pH:** 3.0 - 5.0  
**Vapor pressure:** 17.5000000 mm hg (20.0 °C (68°F))  
**Boiling point/range:** > 100.0 °C (> 212°F)  
**Melting point/ range:** 0.0 °C (32°F) (Freezing point)  
**Specific gravity:** 1.2100  
**Vapor density:** > 1.0000 (Air = 1)  
**Flash point:** > 100.00 °C (> 212°F) Closed cup  
**Flammable/Explosive limits - lower:** Not applicable  
**Flammable/Explosive limits - upper:** Not applicable  
**Autoignition temperature:** Not applicable  
**Evaporation rate:** 1.00 Same as water.  
**Solubility in water:** Miscible  
**Partition coefficient (n-octanol/water):** Not available  
**VOC content:** < 3.0 % (by weight)

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**Incompatible materials:** This product may react with strong oxidizing agents.

**Conditions to avoid:** Freezing. Product may be unstable if frozen.

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Propanediol-1,2	No	No	No
Vinyl acetate	No	Group 2B	No

Hazardous components	Health Effects/Target Organs
Propanediol-1,2	Irritant
Vinyl acetate	Central nervous system, Irritant, Mutagen, Some evidence of carcinogenicity

## 12. ECOLOGICAL INFORMATION

**Ecological information:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal. This product is not a RCRA hazardous waste when discarded. Processing, use, or contamination of this product may change the hazard classification and waste management options.

**Hazardous waste number:** None identified.

## 14. TRANSPORT INFORMATION

### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### Water Transportation (IMO/IMDG)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12(b) Export Notification:** None above reporting de minimus

**CERCLA/SARA Section 302 EHS:** Vinyl acetate (CAS# 108-05-4).

**CERCLA/SARA Section 311/312:** Delayed Health

**CERCLA/SARA 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Vinyl acetate (CAS# 108-05-4).

**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer.

### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

**WHMIS hazard class:** D.2.A

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** Not available

**Prepared by:** L. Evans, Regulatory Affairs

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Corporation has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Corporation's products. In light of the foregoing, Henkel Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation further disclaims any liability for consequential or incidental damages of any kind, including lost profits.