



- Inhalation:** Immediately remove the victim to fresh air. Get medical attention if symptoms persist.
- Skin Contact:** Remove contaminated clothing. Wash thoroughly with soap and water. Get medical attention if irritation or symptoms develop.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open to assure that the entire surface is flushed. Get immediate medical attention.
- Ingestion:** Immediately call a poison control center and follow their instructions. Never give anything by mouth to an unconscious or convulsing person. If conscious, rinse mouth with water and give milk or water to dilute. Get immediate medical attention.

#### Section 5: FIRE FIGHTING MEASURES

- Flash Point (Method Used):** 13C/55 F
- Autoignition Temp:** 363 C/682 F
- Flammable Limits:**           **LEL:** 3.3%                           **UEL:** 19%
- Extinguishing Media:** Use dry chemical, CO<sub>2</sub>, water spray or alcohol resistant foam. Cool fire exposed containers with water until well after the fire is out.
- Special Fire Fighting Procedures:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.
- Unusual Fire and Explosion Hazards:** Ethyl alcohol is very flammable and will form explosive mixtures with air.
- Hazardous Combustion Products:** Carbon dioxide, carbon monoxide.

#### Section 6: ACCIDENTAL RELEASE MEASURES

Wear protective equipment as described in Section 8, including gloves and suitable eye protection. Remove all sources of ignition and ventilate the area. Wipe up spill with a paper towel or other absorbent material and place in a container for disposal. Wash spill area with water.

#### Section 7: HANDLING AND STORAGE

Follow the directions on the package insert. Follow prudent laboratory practices of avoiding contact (breathing, touching, smoking ...) with a laboratory reagent. Avoid breathing vapors. Use with adequate ventilation.

Follow storage instructions on the product label. Keep away from heat, sparks, flames and all sources of ignition.

#### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Ventilation:** General room ventilation will normally be sufficient. Where needed to maintain exposures below the exposure limits, use explosion-proof local exhaust ventilation.
- Respiratory Protection:** None should normally be needed. If the concentration exceeds the exposure limit, a supplied air respirator is required.
- Gloves:** Impervious gloves such as butyl rubber recommended.
- Eye Protection:** Chemical safety goggles.
- Other Protective Equipment/Clothing:** Impervious clothing as needed to prevent skin contact.



**UN Number:** UN1170

**Hazard Class/Packing Group:** II

**Labels Required:** Flammable Liquid

**IATA Packaging Requirements:** IATA 305, Y305

**Comment:** Up to 20 kits (40-5 mL bottles of VP1 and 40-5 mL bottles of VP2) in a package can be shipped under IATA as "Dangerous Goods in Excepted Quantities". Kits in packages that do not exceed a gross mass of 64 lbs can be shipped under DOT (173.4) as excepted small quantities (inner receptacle max 30 mL).

### Section 15: REGULATORY INFORMATION

**SARA 311/312:** Hazard Categories for SARA 311/312 Reporting: Acute health, chronic health, fire hazard

**SARA 313:** This Product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Section 313 (40 CFR372):

None

**CERCLA Section 103 Reportable Quantity:** N/A

**California Proposition 65:**

This product contains the following substances known to the State of California to cause cancer and/or reproductive harm:  
None known.

**Canadian WHMIS Classification:** Class B-2 (Flammable Liquid); Class D - Division 2 - Subdivision B (Toxic material causing other chronic effects)

### Section 16: OTHER INFORMATION

**NFPA Hazard Rating:** Health: 2      Fire: 3      Reactivity: 0  
**Revision Summary:** Section )