

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Catalog Number: PSH3XX

Product Name: HPV Genotype Performance Panel

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS#</u>	<u>Component</u>	<u>Percentage</u>	<u>Exposure Limit</u>
67-56-1	Methanol	30-60	None established
7782-13-5	Water	40-70	None established

SECTION 3: HAZARD IDENTIFICATION

Potentially Hazardous Material:

This material is a flammable liquid. Inhalation of vapors may cause non specific discomfort (nausea, weakness), drowsiness with anesthetic effect and possible blindness. Swallowing as little as 4 ounces (118 ml) may cause blindness and in extreme cases death.

In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. Harmful if swallowed. Wear suitable protective clothing (lab coat, gloves, and safety goggles).

SECTION 4: FIRST AID MEASURES

Eyes: In case of contact, immediately flush eyes with a large amount of water for at least 15 minutes while holding the eyelids open to assure that the entire surface is flushed. Seek medical attention.

Skin: In case of contact, immediately wash the contact area thoroughly with soap and a large amount of water. Seek medical attention.

Inhalation: Remove patient to fresh air. If symptoms of intoxication or vision problems are apparent, seek immediate medical attention.

Ingestion: Avoid swallowing the material. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. If conscious, rinse mouth with water. Seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: This product is flammable (flammable limits CEL as 6.7 and UEL as 36). Flash point 80°F (25.5°C) and auto ignition temp 725°F (385°C). Use any media appropriate for the surrounding fire.

Special Fire Fighting Procedures: Wear self contained breathing apparatus and protective clothing to prevent exposure to eyes and skin. Flame invisible in daylight.

Unusual Fire and Explosion hazards: May emit toxic and/or explosive vapors under fire conditions.

NFPA Hazard Rating: Health - 1; Flammability - 3; Reactivity - 0; Special Information: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Promptly clean up all spills. Wear appropriate personnel protective equipment to avoid exposure.

Contain the spill. Absorb the spill using absorbent materials and decontaminate the spill with a strong (10%) bleach solution or other germicidal agent. Dispose of all cleanup materials in accordance with disposal practices for infectious waste at your institution. (Local, State, and Federal regulations may apply). Wash the spill area after material pick up is complete.

SECTION 7: HANDLING AND STORAGE

Handle this material using as if capable of transmitting infectious agents. Observe routine biosafety precautions in handling. Use of personnel protection to include but not limited to laboratory coat or gown, gloves and eye safety goggles is strongly recommended.

Wash thoroughly after handling.
Store as labeled.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Laboratory coat or gown, gloves, safety goggles
Emergency shower and eye wash
Do not get in eyes, on skin or on clothing
Wash thoroughly after handling
Biosafety Level 2 precautions

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: Alcohol type odor with slight cloudiness.

Vapor Pressure:	127 mm/Hg	Physical State:	Liquid
Specific Gravity:	>0.92	Vapor Density:	~1.1
Evaporation Rate:	>1	% Volatility by Volume:	>99
Viscosity:	Not Determined	Freezing Point:	Not Established
Boiling Point:	148°F/64°C		Completely miscible with water

pH: Not applicable

SECTION 10: STABILITY & REACTIVITY

Stability: This material is stable under normal temperatures and pressures, is a strong oxidizer, and polymerization will not occur. This material is not incompatible with other laboratory materials.

Conditions to avoid: Avoid excess heat and source of ignition.

SECTION 11: TOXICOLOGICAL INFORMATION

Potentially Biohazardous Material: Harmful if swallowed or absorbed through skin. No toxicological studies available on the product.

SECTION 12: ECOLOGICAL INFORMATION

Material has a very low aquatic toxicity. LC50 Pimehales promelas 29 ug/l/96 hr (28-29 days old)
EC50 (30 min) Phytobacterium phosphoreum as 51,000-320,000 mg/L

SECTION 13: DISPOSAL CONSIDERATIONS

Follow RCRA ID #D001 guidelines for ignitable waste for disposal.

SECTION 14: TRANSPORT INFORMATION**U.S. DOT HAZARD CLASSIFICATION**

Proper Shipping Name: Flammable liquids, N.O.S (methanol)

UN Number: UN1993

Hazard Class/Packing Group: 3/III

Labels Required: None

DOT Packaging Instructions: Y309/309

Exceptions: Not Applicable

IATA/ICAO AIR TRANSPORTATION

Proper Shipping Name: Flammable Liquids, N.O.S. (Methanol)

UN Number: 1993

Hazard Class/Packing Group: 3/III

Labels Required: None

IATA Packaging Instructions: Y309/309

SECTION 15: REGULATORY INFORMATION

TSCA - All ingredients are listed in Toxic Substance Control Act inventory.

CERCLA - RQ for methanol - 5000 lbs (2268 kg). No TPQ established for methanol.

SARA 311 - Immediate Fire Hazard.

SARA 313 - Methanol listed on the 313 Toxic Pollutant reporting list.

State Issue - Not listed for California Proposition 65.

Foreign Chemical Inventories - All ingredients are listed on the chemical inventories of Canada (DSL), Japan, European Union and Australia.

WHMIS Statues (Canada) - A controlled product. Classification: B2; D1B; D2A

SECTION 16: OTHER INFORMATION

The above information is believed to be accurate, complete and current but does not purport to be all inclusive and shall be used as a guide. Seracare Life Sciences makes no representation or warranties with respect to the product described herein, including but not limited to any implied warranties or merchantability or fitness for a particular use. Seracare assumes no liability or responsibility and authorizes no other person to assume any additional liability or responsibility as a result of the use of this product or the information contained in the Material Safety Data Sheet.



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