



***MATERIAL SAFETY
DATA SHEET***

1. IDENTIFICATION OF PRODUCT

This Material Safety Data Sheet applies to:

<u>Product</u>	<u>Part No.</u>
GEM CVP MultiPak	0024001587
GEM CVP Level 1	0024001811
GEM CVP Level 2	0024001812
GEM CVP Level 3	0024001813
GEM CVP Level 4	0024001814

2. COMPOSITION

This product contains no hazardous components as defined in OSHA 29 CFR 1910.1200.

Aqueous buffered solution containing inorganic salts and organic metabolites.

3. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES

Direct eye contact may cause redness and irritation. Avoid contact with the eyes.

SKIN

Prolonged or repeated contact may cause skin irritation. Avoid contact with the skin.

INGESTION

Ingestion of this product may cause choking, vomiting or nausea.

INHALATION

None normally required.

4. FIRST AID MEASURES

EYES

In case of eye contact, flush eyes with plenty of water for at least 15 minutes. If irritation develops, obtain medical attention.

SKIN

Wash well with soap and water. If skin is broken or material enters an open wound, obtain medical attention.

INGESTION

Flush mouth with water, without swallowing. Obtain medical attention or contact the local Poison Control Center.

INHALATION

Remove individual to fresh air. Obtain medical attention if breathing is difficult.



5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT

LOWER EXPLOSIVE LIMIT (%): Not Applicable

UPPER EXPLOSIVE LIMIT (%): Not Applicable

FIRE AND EXPLOSION HAZARDS:

None known.

EXTINGUISHING MEDIA

Use any extinguishing agent, which is suitable for the surrounding fire.

FIRE FIGHTING INSTRUCTIONS

Wear self-contained breathing apparatus and protective clothing that is appropriate for fighting a typical fire involving chemical materials.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment as specified in Section 8.

Clean up spills in a manner that does not disperse dust into the air or create aerosols of prepared solutions. Dry spills should be moistened with water or an EPA approved disinfectant. Contain spill and decontaminate the area. Pick up material and dispose in biohazard/sharps container as appropriate.

7. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS

Reference the product labeling for handling and storage instructions.

WORK/HYGIENIC PRACTICES

Do not eat, drink or smoke while working with this product. Wash hands with soap and water after use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

None normally required.

EYE/FACE PROTECTION

Safety glasses or splash goggles are recommended.

SKIN PROTECTION

Wear protective (latex/non-latex) gloves and laboratory coat as required to prevent skin contact.

RESPIRATORY PROTECTION

None normally required with adequate ventilation.

OTHER/GENERAL PROTECTION

None normally required.



9. PHYSICAL AND CHEMICAL PROPERTIES

	<u>GEM CVP Level 1</u>	<u>GEM CVP Level 2</u>	<u>GEM CVP Level 3</u>	<u>GEM CVP Level 4</u>
Appearance:	liquid	liquid	liquid	liquid
Color:	clear	clear	clear	clear
Odor:	odorless	odorless	odorless	odorless
Density:	not determined	not determined	not determined	not determined
pH:	neutral	neutral	neutral	neutral

BASIC PHYSICAL PROPERTIES

VAPOR PRESSURE: Not determined
SPECIFIC GRAVITY: Not determined
SOLUBILITY (H2O): Complete

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID (STABILITY): See product labeling.

INCOMPATIBLE MATERIALS: Strong bases, strong acids and water reactive materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may emit carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

MISCELLANEOUS TOXICOLOGICAL INFORMATION

Carcinogenicity: NTP: no IARC: no OSHA: no

The health effects noted above are based on the extrapolation of data on the pure product ingredients. To the best of our knowledge, no health effects have been identified for the product mixture under normal conditions of use, although the health effects of the product have not been thoroughly investigated.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known.

12. ECOLOGICAL INFORMATION

OTHER ENVIRONMENTAL INFORMATION

No ecotoxicological data are available for this product.

Use in accordance with good laboratory practice. Do not waste in the environment.



Instrumentation Laboratory Company – 113 Hartwell Ave., Lexington, MA 02421
Emergency Number: 1-800-678-0710

13. DISPOSAL CONSIDERATIONS

Based on EEC Directive No. 75/442 and 78/319 and following modifications, the product waste is classified as non-toxic and non-harmful. Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information.

14. TRANSPORT INFORMATION

Not regulated.

15. REGULATORY INFORMATION

This product is classified and labeled in accordance with EEC Directive 88/379 and EEC Directive 91/155 and following modifications. The health hazard classification has been determined based on composition and hazard data of each ingredient. Physical and health hazard information on the reagent mixture has not been determined. Any physical and health hazard information noted is based on a) evaluation of data of the pure ingredient and b) concentration of each ingredient.

KIT HAZARD CLASSIFICATION

- Symbol: Not Applicable
- Risk Code: Not Applicable
- Safety Code: S24/25 - 29 - 36
 - S24/25: avoid contact with skin and eyes
 - S29: do not empty into drains
 - S36: wear suitable protective clothing

16. OTHER INFORMATION

REFERENCE DOCUMENTATION

Primary references used in the preparation of this document:

1. Product Insert.
2. Product Specifications.

NOTE

The information supplied in this Safety Data Sheet represents the data and best information available at the date of preparation. It is provided with the aim of allowing proper and safe use, storage, transport and disposal of the product. It is not to be considered as a warranty or specification of product quality. It is related to the materials specifically indicated and does not apply if these are used in combination with other materials or during processes not specifically indicated in the text of this Safety Data Sheet.