



aseptium
Innovative Decontamination Solutions

Material Safety Data Sheet

MSDS-o1A

Section 1 – Manufacture Identification

Manufactured by Aseptium Limited

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Emergency: For Chemical Emergency please contact your local emergency services.

Section 2 – Product Information

Product name	Product code	Substance Name
VeriTest Blue	018.0120	Protein Detection Reagent

Ingredient Name:	CAS#	Percent [%]	SARA 313
Dye	Proprietary	0.5-7	No
Phosphoric Acid	7664-38-2	1-12	Yes
Methanol	67-56-1	1-10	Yes

Section 3 – Hazards Identification

Corrosive.	Target organs:	Pictogram:
Causes burns. Harmful by inhalation, in contact with skin and if swallowed.	Liver, Blood, Eyes, Central Nervous System, Skin.	

Section 4 – First Aid Measures

Dermal exposure	In case of contact, wash skin with soap and copious amounts of water for at least 15 minutes. Take off all contaminated clothing, and wash before reuse.
Eye exposure	In case of contact, flush eyes with large amounts of water for at least 15 minutes. Consult a physician.
Inhalation exposure	If directly inhaled, remove to fresh air, if breathing is difficult, provide oxygen if necessary. If not breathing, provide artificial respiration. Consult a physician.
Oral exposure	If swallowed, wash mouth with water provided person is conscious. Consult a physician.

Section 5 – Fire Fighting Measures

Flash Point	N/A
Extinguishing media	Carbon dioxide, dry chemical powder or appropriate foam. Wear self-contained breathing apparatus, and protective clothing to prevent contact with skin and eyes.
Special Fire Fighting Procedures	Emits toxic fumes under fire conditions.

Section 6 – Accidental Release Measures

Person-Related Precautions	Safety. Wear protective equipment in case of spill. Keep unprotected persons away.
Methods for Cleaning up	Cover the spill with dry lime, soda ash or absorbent granules. Pick up and move to a closed container for disposal as hazardous waste. Wash the spill site when pick up is complete.

Section 7 – Safe Handling and Storage

Handling	Use in areas with adequate ventilation, do not directly breathe vapour. Avoid exposure to skin, eyes and clothing.
Storage	Store in a cool dry place, keep container closed until use. Refrigerate to extend shelf life.

Section 8 – Exposure Controls/Personal Protection

Personal protective	Protective clothing should be selected specifically for the working place, equipment depending on concentration and quantity of the hazardous substance handled.
Respiratory protection	Required when vapours/aerosols are generated.
Eye protection	Required.
Hand protection	Required-use chemical compatible gloves.
Industrial hygiene	Change contaminated clothing and immerse in water. Discard contaminated shoes. Wash thoroughly after handling.

Section 9 – Physical/Chemical Properties

Appearance	Brown or Green to Blue liquid.
Odour	Alcohol characteristic.
pH value	Acid.
Melting point	N/A
Solubility	Soluble in water.
Minor Spillage	Spills from individual vials may be mopped up with a damp sponge or cloth, and rinsed to the foul drain.

Section 10 – Stability and Reactivity

Stability	Avoid strong bases, finely powdered metals.
Thermal Decomposition	May produce toxic fumes of phosphorous oxides or phosphine when burned.

Section 11 – Toxicological Information

Route of exposure:	Effect:
Skin contact	Can cause burns.
Skin absorption	Harmful if absorbed through skin.
Eye contact	Causes burns.
Inhalation	Destructive to mucous membranes and upper respiratory tract.
Digestion	Harmful if swallowed.

Target Organs: Liver, Blood, Bone marrow, Eyes, Kidney, Heart, Central Nervous System.

Section 12 – Ecological Information

No data available.

Section 13 – Disposal Considerations

Contact a licensed professional for disposal consideration. Observe all federal, state and local environmental regulations.

Section 14 – Transport Information

	Shipping Name	UN#/IATA UN#	Class	Packing Group	Hazard Label
DOT	Phosphoric Acid, solution	1805	8	Packing Group III	Corrosive
IATA	Phosphoric Acid, solution	1805	8	Packing Group III	

Section 15 – Regulatory Information

EU Classification	US Classification
Symbol of Danger: C Indication of Danger: Corrosive R: R 34- Causes burns S: S 24- Avoid contact with eyes S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 35: This material and container must be disposed of in a safe way. S 37: Wear suitable gloves.	Indication of danger: Corrosive Risk statements: Causes burns Safety statements: Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. This material and container must be disposed of in a safe way. Wear suitable clothing, gloves and eye protection. US Classification: US Regulatory Information SARA listed: Yes Notes: This product is or contains a component that is subject to SARA 313 reporting requirements.

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