

PowerVision & PowerVision+ Detection Systems (No Chromogen)

Material Safety Data Sheet

1. PRODUCT AND COMPANY INFORMATION

Identification of the product

Product name:

PowerVision+ Poly-AP IHC Detection System
PowerVision Poly-AP Mouse IgG
PowerVision Poly-AP anti-Rabbit IgG

Catalogue code:

PV6101
PV6110
PV6133

PowerVision+ Poly-HRP IHC Detection System
PowerVision Poly-HRP anti-Mouse IgG
PowerVision Poly-HRP anti-Rabbit IgG

PV6106, PV6107
PV6114
PV6119

Intended Use:

Immunohistochemistry

Manufacturer / supplier identification

Company: Leica Biosystems Newcastle Ltd.
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Components: Blocker, Post Blocking, Poly-HRP, Poly-AP

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS#	Percent Composition	Classification: Indications of Danger / R Phrases
Animal sera	No data	approx. 10%	R20/21/22 R36/37/38
2-methyl-4-isothiazolin-3-one	2682-20-4	0.1%	R36/37/38

For indications of danger and R-phrases see Section 16.

3. HAZARDS IDENTIFICATION

This product is not classified as a dangerous preparation according to 1999/45/EC, 67/548/EEC, 2001/58/EC directives and following amendments and modifications.
For additional information on toxicity, please refer to section 11.

4. FIRST AID MEASURES

Ingestion:	If ingested, wash out mouth with water, provided person is conscious. Seek medical advice immediately. Do not induce vomiting.
Inhalation:	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice immediately.
Skin:	Immediately remove contaminated clothing and shoes. In case of skin contact, flush with plenty of water for at least 15 minutes.
Eye:	In case of contact with eyes, flush with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek medical advice immediately.

5. FIRE FIGHTING MEASURES

Autoignition Temp:	N/A
Firefighting Protective Equipment:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s):	Thermal decomposition may produce toxic fumes.

6. ACCIDENTAL RELEASE MEASURES

Procedure(s) of Personal Precaution(s)
Wear enclosed footwear and chemical-resistant gloves.

Methods for Cleaning Up
Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling:	Avoid inhalation of vapor or mist. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
Storage:	Store at 2-8°C. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Safety shower and eye bath.
Hand Protection:	Compatible chemical-resistant gloves.
Eye Protection:	Chemical safety goggles.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance:	Liquid	Relative Density:	No data
Color:	Pale brown	pH:	No data
Odor:	No data	Flash Point:	No data
Flammability:	No data	Solubility:	Fully miscible with water

10. STABILITY AND REACTIVITY

Stability:	Stable.
Materials to Avoid:	Strong oxidising agents.
Hazardous Decomposition Products: Nature of decomposition products not known.	

11. TOXICOLOGICAL INFORMATION

Skin Contact:	May cause skin irritation.
Skin Absorption:	May be harmful if absorbed through the skin.
Eye Contact:	May cause eye irritation.
Inhalation:	Material is irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion:	May be harmful if swallowed.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before disposal.

14. TRANSPORTATION INFORMATION

This substance is considered to be non-hazardous for transport.

15. REGULATORY INFORMATION

This product is not classified as a dangerous preparation according to 1999/45/EC, 67/548/EEC, 2001/58/EC directives and following amendments and modifications.

S-phrases:	S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
EEC-No.:	No data available.
Local regulations:	No data available.

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16. OTHER INFORMATION

Indications of danger: To the best of our knowledge no hazards are associated with the use of this product.

R-phrases: R20/21/22 R36/37/38
Harmful if inhaled, in contact with skin and if swallowed. Irritating to eyes respiratory system and skin.

The information contained in this Material Safety Data Sheet is believed to be accurate but it is the responsibility of the user or supplier to determine the applicability of the data to the formulation of necessary safety precautions. Leica Biosystems Newcastle Ltd. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Material Safety Data Sheet.