

MSDS- Bayovac 3.1

**MATERIAL SAFETY DATA SHEET****SECTION I – PRODUCT INFORMATION**

Product Name:	Bayovac 3.1 Infectious Pancreatic Necrosis Virus Subunit - <i>Piscirickettsia salmonis</i> Subunit Vaccine - <i>Vibrio ordalii</i> Bacterin
Product Use:	This product is recommended as an aid in the prevention of Infectious Pancreatic Necrosis (IPN) due to Infectious Pancreatic Necrosis Virus, Salmonid Rickettsial Septicemia (SRS) due to <i>Piscirickettsia salmonis</i> and Vibriosis due to <i>Vibrio ordalii</i> in commercially reared healthy salmonids.
Manufacturer's Name:	Microtek International Inc.
Address:	6761 Kirkpatrick Crescent, Saanichton, BC
Telephone Number:	(250) 652-4482
Supplier's Name:	Microtek International Inc.
Address:	6761 Kirkpatrick Crescent, Saanichton, BC
Telephone Number:	(250) 652-4482 1-800-667-5062 (in Canada only)

**SECTION II – HAZARDOUS INGREDIENTS INFORMATION**

Hazardous components (specific chemical identity, common name(s)):  
Bacterial endotoxins, formalin, water in oil emulsion. Residual formalin level less than 0.075 mg/mL. In this amount, respiratory protection is not required. Formalin is a known carcinogen.

**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

Physical State	Liquid oily solution
Odour and Appearance	Light beige to creamy-beige
Odour Threshold	Not Available
Specific Gravity	Not Available
Vapour Density	Not Available
Vapour Pressure	Not Available
Evaporation Rate	Not Available
Boiling Point	100°C
Freezing Point	Not Available
pH	6.8 - 7.1
Coefficient of Water/Oil distribution	Not Applicable

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flammability	No
Means of Extinction	Not Applicable
Flash Point (Method Used)	Not Applicable
Upper Flammable Limit	Not Applicable
Lower Flammable Limit	Not Applicable
Autoignition Temperature	Not Applicable
Sensitivity to Mechanical Impact	Not Applicable
Sensitivity to static discharge	Not Applicable
Hazardous Combustion Products	Not Applicable

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**SECTION V – REACTIVITY DATA**

Chemical Stability	Not Available
Incompatible with Other Substances	No
Conditions of Reactivity	Not Applicable
Hazardous Decomposition Products	Not Available

**SECTION VI – TOXICOLOGICAL PROPERTIES**

Routes of Entry	Skin Contact, Eye Contact
Effects of Acute Exposure	Endotoxins may induce an allergic response. Minimal or no reaction to formalin.
Effects of Chronic Exposure	Not Applicable
Exposure Limits	Not Available
Sensitization	Not Available
Irritancy of Product	Not Available
Carcinogenicity	Formalin is a known carcinogen.
Reproductive Toxicity	Not Available
Teratogenicity	Not Available
Mutagenicity	Not Available
Synergistic Products	Not Available

**SECTION VII – PREVENTATIVE MEASURES**

Personal Protective Equipment	Latex or vinyl gloves, splash proof safety goggles
Specific Engineering Controls	Not Applicable
Leak and Spill Procedure	Flush with water
Waste Disposal	Contact environmental waste disposal contractor.
Handling Procedures and Equipment	Avoid contamination. Do not use partial bags.
Storage Requirements	Refrigerate at 2°C - 8°C. Do not freeze.
Special Shipping Information	Refrigerate upon receipt.

**SECTION VIII – FIRST AID MEASURES**

Inhalation	Not Applicable
Ingestion	Do not induce Vomiting – contact physician immediately.
Skin Contact	Flush with water.
Eye Contact	Flush contaminated eye (s) with copious amounts of water for 15 minutes, contact physician immediately.
Injection	If material is accidentally injected, seek immediate medical attention. Severe burning at the injection site and a sense of numbness may occur. If neglected, it may lead to loss of limb and /or life.

**SECTION IX – PREPARATION INFORMATION**

Prepared by:  
Microtek International Inc.

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