



Safety Data Sheet
Viral Autogenous Vaccine Containing Oil Based Adjuvant

SDS Section	SDS Heading	Specific Information Elements
1	Identification	<ul style="list-style-type: none"> • Sterile Biologic containing inactivated, viral culture(s), may contain chemical inactivating agent, preservative, oil-based adjuvant and/or aluminum hydroxide. • For the vaccination of healthy animals against the organisms listed on the product label. • For veterinary use only. Not for oral or human use. Must only be used on the farm(s) listed on the label and/or the production records. • Manufacturer: Gallant Custom Laboratories Inc 1425 Bishop St. N units 10 -13 Cambridge, ON N1R 6J9 Telephone: 519 620-2488 or 1-888-838-5223 Fax: 519 620-2489 • Alternate emergency telephone number : 519 277-1591
2	Hazard Identification	<ul style="list-style-type: none"> • Health hazards are not anticipated for persons using this product as directed under field conditions <ul style="list-style-type: none"> • Avoid accidental injection and needle sticks • Dispense used needles in appropriate containers.
3	Composition/Information On Ingredients	<ul style="list-style-type: none"> • Product contains inactivated virus particles. • The following chemicals may be present: Binary Ethyleneimine (BEI) and Sodium Thiosulfate <ul style="list-style-type: none"> • This product contains Binary Ethyleneimine. Binary Ethyleneimine is an irritant and potential carcinogen. It has been neutralized with Sodium Thiosulfate • Chemical Abstract Service (CAS) registry number for Binary Ethyleneimine 151-56-4

		<ul style="list-style-type: none"> • Chemical Abstract Service (CAS) registry number for Sodium Thiosulfate 7772-98-7 • Concentration to 0.5% (BEI has been neutralized) <p>Sodium Ethylmercurithiosalicylate</p> <ul style="list-style-type: none"> • Also known as Thimerosal • Thiomersal is very toxic by inhalation, skin contact and if swallowed • CAS registry number 54-64-8 • Concentration is 1:10,000 <p>Oil Adjuvant</p> <ul style="list-style-type: none"> • an oil-in-water emulsion containing pharmaceutical grade light mineral oil, water, emulsifying agents, with or without dimethyldioctadecylammonium bromide and with or without formaldehyde. • Concentration 12%
4	First-aid Measures	<ul style="list-style-type: none"> • First-aid measures by route of exposure: <ul style="list-style-type: none"> • Injection- May cause pain, swelling and inflammation, at injection site, tissues and tendons. Product contains oil emulsion and must be removed from site. Review status of tetanus immunization. Viral components are inactivated. In any case of exposure, contact a physician as soon as possible. • Skin Contact- Wash thoroughly with soap and water • Eye Contact - May cause irritation. Flush with copious amounts of water for 15 minutes. In any case of exposure contact a physician as soon as possible. • Ingestion – Contact physician • Health hazards are not anticipated for persons using this product as directed under field conditions.
5	Fire Fighting Measures	<ul style="list-style-type: none"> • Suitable extinguishing media- Water or dry Chemical • Specific hazards arising from the hazardous product - none

		<ul style="list-style-type: none"> Special protective equipment and precautions for fire fighters - None reported
6	Accidental Release Measures	<ul style="list-style-type: none"> Contain the spill and take up with an absorbent material. Place in a clean, dry container for later disposal. Wash hands and affected clothing. Wash area with degreaser, to remove any remaining oil residue.
7	Handling and Storage	<ul style="list-style-type: none"> Avoid contact with eyes, skin and clothing Avoid accidental self-injection Store in refrigerator (2 to 7°C) Do not freeze
8	Exposure Controls/Personal Protection	<ul style="list-style-type: none"> Respiratory Protection: none required Ventilation – local exhaust Gloves- recommended against accidental injections or punctures. Eye protection- safety goggles with side shields
9	Physical and Chemical Properties	<ul style="list-style-type: none"> Milky pink in colour with slight sediment Slight pungent odour pH – 7.2 to 7.5 Melting point/freezing point- not available Initial boiling point/boiling range - not available Flash point- not available Evaporation Rate - not available Flammability (solid; gas)- non-flammable Vapour pressure- not available Vapour density - not available Relative density- not available Solubility- miscible in water Viscosity- not available
10	Stability and Reactivity	<ul style="list-style-type: none"> Stable Possibility of hazardous reactions - non-reported Conditions to avoid – Do not freeze Incompatible materials - non-reported Hazardous decomposition Products - non-reported

11	Toxicological Information	<ul style="list-style-type: none"> The most likely route of exposure is by accidental injection. Any oil injected must be removed- consult a physician. Formaldehyde and Thimerosal concentrations are below toxic levels to humans.
12	Ecological Information	<ul style="list-style-type: none"> No ecological effect known
13	Disposal Considerations	<ul style="list-style-type: none"> Comply with all applicable federal, provincial and local regulations, concerning spill reporting, waste handling, and waste disposal.
14	Transportation Information	<ul style="list-style-type: none"> Special precautions- product should be maintained at 2 to 8°C to maintain quality.
15	Regulatory Information	An autogenous biologic is intended for use under the supervision of a licensed veterinarian.
16	Other Information	Recent Revision: April 14, 2020

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