

Deep Valley Farms, Inc.  
80 Robbins Road  
Brooklyn, CT, 06234  
USA  
860-774-2216

PRODUCT: Fight Bac Teat Disinfectant 22 oz. (624g)

CODE: DV-000022

### SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Item Numbers..... DV-000022  
 Product Identity..... Fight Bac Teat Disinfectant 22 oz. (624g)  
 Manufacturer..... Empack Spraytech Inc.  
 98 Walker Drive  
 Brampton  
 Ontario  
 Canada  
 L6T 4H6  
 905-792-6571  
 24 hour emergency telephone number..... In Canada: Call CANUTEC (613) 996-6666 - In The United States: Call CHEMTREC (800) 424-9300.  
 Recommended Use..... Teat disinfectant.  
 Chemical Family..... Mixture.

### SECTION 02: HAZARDS IDENTIFICATION



Hazard Classification:  
 Physical Hazards..... Gases Under Pressure - Liquefied Gas . Aerosols - Category 3.  
 Health Hazards..... Eye Damage/Irritation - Category 2B.  
 Environmental Hazards..... Not Classified.  
 Label Elements:  
 Signal Word..... WARNING.  
 Hazard Statement..... Pressurized container: may burst if heated. Contains gas under pressure; may explode if heated. Causes eye irritation.  
 Precautionary Statements:  
 Prevention..... Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Wash thoroughly after handling.  
 Response..... IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
 Storage..... Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.  
 Disposal..... Dispose of contents/ container in accordance with local/regional/national/international regulations.  
 Hazard(s) not otherwise classified (HNOC).. None Known.

### SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Dimethyl Ether	115-10-6	10-30
Ethyl Alcohol	64-17-5	3-7
Glycerin	56-81-5	7-13
Chlorohexidine Gluconate	18472-51-0	0.1-1

### SECTION 04: FIRST AID MEASURES

Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical assistance.  
 Skin Contact..... Rinse skin thorough with water. Remove cloth.  
 Eye Contact..... Check for and remove contact lenses. Immediately flush eyes with water for a minimum of 15 minutes keeping eyelids open. Consult a doctor if any irritation occurs.  
 Ingestion..... If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.  
 Most important symptoms/effects, acute and delayed  
 Indication of immediate medical attention and special treatment needed  
 Direct eye contact may cause temporary eye irritation.  
 Provide general supportive measures and treat symptomatically. In case of shortness of breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.



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**SECTION 05: FIRE FIGHTING MEASURES**

Suitable Extinguishing Media.....	Dry chemical powder. Carbon dioxide. Foam, water spray or fog.
Unsuitable Extinguishing Media.....	Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards Arising from the Chemical.....	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
Special Protective Equipment and Precautions for Firefighters.....	Firefighters must use standard protective equipment including flame retardant coat, helmet with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
General Fire Hazards.....	Flammable.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment and Emergency Procedures.....	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Avoid walking through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 08).
Methods and Materials for Containment and Cleaning Up.....	Spill areas may be slippery. Use care to avoid falls or other accidents. Contain the spill. Clean up the spill area with detergent and water. Once spilled material has been collected, use rags or other suitable material to clean spill area. Rags should be properly disposed of.
Environmental Precautions.....	Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

**SECTION 07: HANDLING AND STORAGE**

Precautions for Safe Handling.....	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid contact with eyes, skin, and clothing. Avoid breathing vapour of this product. Avoid contact with skin and eyes. Avoid prolonged exposure. Use in well-ventilated areas.
Conditions for Safe Storage including any Incompatibilities.....	Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store away from incompatible materials (see Section 10).

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Dimethyl Ether	1000 ppm (8hrs)	Not available	Not available	Not available	Not available
Ethyl Alcohol	Not established	1,000 ppm 15 minutes	1,000 ppm	Not established	1,000 ppm
Glycerin	10 ppm	Not available	5 g/m3	Not available	Not available
Chlorohexidine Gluconate	Not available	Not available	Not available	Not available	Not available
Appropriate Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.				
Individual Protection Measures:					
Eye/Face Protection.....	Not normally required.				
Skin Protection.....	Not needed at normal use conditions.				
Respiratory Protection.....	Not required for intended use.				
Thermal Hazards.....	None Known.				
General Hygiene Considerations.....	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment prior to use.				

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Form.....	Aerosol.
Physical Appearance.....	Light Blue .
Odor.....	Odorless.
Odor Threshold (ppm).....	N/A.
Specific Gravity (Liquid).....	0.970.
Specific Gravity (Aerosol).....	0.870.
Aerosol Vapour Pressure (psig, 21°C).....	90-100.
Vapour Density (Air=1).....	N/A.
pH.....	6.0.
Boiling Point liquid (°C).....	100°C (212°F).
Melting/Freezing Point (°C).....	N/A.



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**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Flash Point (°C), Method..... Closed cup: -41 °C (-42 °F). (For propellant).  
 Flashback..... No.  
 Evaporation Rate (n-Butyl Acetate = 1)..... < 1.  
 VOC Content..... N/A.  
 Solubility in water..... Soluble.  
 Aerosol Flame Projection..... No data.  
 Auto Ignition Temperature (°C)..... 350°C (662°F). (For propellant).  
 Lower Flammable Limit (% Vol)..... 3.3 . (For propellant).  
 Upper Flammable Limit (% Vol)..... 26.2. (For propellant).  
 Coefficient of Water/Oil Distribution..... N/A.  
 Viscosity..... N/A.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity ..... Product not reactive under normal conditions of use.  
 Chemical Stability..... Material is stable under normal conditions.  
 Possibility of Hazardous Reactions..... Will not occur.  
 Conditions to Avoid..... Avoid sources of heat and flame, and electrostatic charge.  
 Incompatible Materials..... Strong oxidizing agents.  
 Hazardous Decomposition Products..... Carbon Oxides.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Dimethyl Ether	308 mg/L (4hrs,Rat)	Not available
Ethyl Alcohol	20,000 ppm (10 hrs)	12.6 g/kg (Rat,Oral)
Glycerin	Not available	12600 mg/kg (4hrs,Rat,Oral)
Chlorohexidine Gluconate	Not available	Not available

## Information on Likely Routes of Exposure:

Routes of entry - Inhalation..... Prolonged inhalation may be harmful.  
 Routes of entry - Skin & Eye..... Direct contact with eyes may cause temporary irritation.  
 Routes of entry - Ingestion..... Expected to be a low ingestion hazard.  
 Routes of entry - Skin Absorption..... No.  
 Symptoms Related to the Physical, Chemical and Toxicological Characteristics  
 Acute Toxicity..... Irritating to the eyes.  
 Skin Corrosion/Irritation..... Based on available data, the classification criteria are not met.  
 Serious Eye Damage/Eye Irritation..... Direct contact with eyes causes temporary irritation.  
 Respiratory or Skin Sensitization..... Not expected to be a skin or respiratory sensitizers.  
 Germ Cell Mutagenicity..... No data available to indicate product or any components present at greater than 0.1% are mutagenic.  
 Carcinogenicity..... N/A.  
 Reproductive Toxicity..... Contains no ingredient listed as toxic to reproduction.  
 Specific Target Organ Toxicity - Single Exposure..... Not classified.  
 Specific Target Organ Toxicity - Repeated Exposure .. Not classified.  
 Aspiration Hazard..... Not classified.  
 Chronic Effects..... Not available.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity..... Not available.  
 Persistence and degradability ..... The product itself has not been tested.  
 Bioaccumulation Potential..... The product itself has not been tested.  
 Mobility in Soil..... The product itself has not been tested.  
 Other Adverse Effects..... None Known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Appropriate Disposal Methods..... Empty containers may be recycled. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with current local, provincial and federal regulations.

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**SECTION 14: TRANSPORT INFORMATION**

TDG (Canada- Road)..... AEROSOLS, Class 2.2, UN1950.  
 DOT (US-Road)..... AEROSOLS, Class 2.2, UN1950, LTD QTY, Consumer Commodity ORM-D.  
 IMDG (International- Marine)..... AEROSOLS, Class 2.2, UN1950.  
 IATA (International- Air)..... AEROSOLS, Class 2.2, UN1950, LTD QTY .

**SECTION 15: REGULATORY INFORMATION**

Canada Regulations:..... WHMIS Classification. A: Compressed gas.  
 Canadian Environmental Protection Act ..... All ingredients listed appear on the Domestic Substances List (DSL).  
 (CEPA)  
 US Regulations..... Environmental Protection Act: Constituents of this product are included on the TSCA inventory.  
 OSHA..... This product is considered hazardous under the Federal OSHA hazard communication standard. Can is under pressure.  
 California Proposition 65..... This product does not contain any chemical(s) known to the state of California to cause cancer or reproductivity toxicity.

**SECTION 16: OTHER INFORMATION**

Disclaimer..... The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. THIS SDS IS VALID FOR THREE YEARS.

Abbreviations..... ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health. OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value, VOC: Volatile Organic Content; WHIMIS: Workplace Hazardous Materials Information System.

Prepared by ..... Regulatory Affairs  
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