Effective Date: 05/27/2015

SAFETY DATA SHEET
VERRUCA- FREEZE® CRYOSURGICAL SYSTEM

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: VERRUCA-FREEZE® PORTABLE CRYOSURGICAL SYSTEM
PRODUCT USE: Cryosurgical treatment
GENERIC NAME: Mixture Tetrafluoroethane, Pentafluoroethane, Trifluoroethane

MANUFACTURER
CryoSurgery, Inc.
5829 Old Harding Pike
Nashville, TN 372015
Phone: 615-354-0414
www.cryosurgeryinc.com

EMERGENCY CONTACT INFORMATION
INFOTRAC US & CANADA: 1-800-535-5053
INFOTRAC INTERNATIONAL: +1-352-323-3500

COMMENTS: To the best of our knowledge, this Safety Data Sheet conforms to the requirements of the US OSHA 29 CFR 1910.1200, Regulation EC 1907/2006 and Canadian Hazardous Products Act.

2. HAZARD IDENTIFICATION

GHS Classification
Non-Flammable Aerosol
GHS Label:

Signal Word	**Danger**
Pictogram	
Hazard Statements:	H229: Pressurized container
Precautionary Statements:	P251: Do not pierce of burn, even after use P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50° C/120° F

POTENTIAL HEALTH EFFECTS:

SKIN: May burn skin or cause irreversible damage if contact is made with chemicals.
EYES: May burn skin or cause irreversible damage if contact is made with chemicals.
INGESTION: May burn or cause irreversible damage if chemical is ingested.
INHALATION: Dizziness and/or headaches.
COMMENTS: For additional toxicological information see section 11.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number
1,1,1,2 –Tetrafluoroethane	811-97-2
Pentafluoroethane	354-33-6
1,1,1- Trifluoroethane	420-46-2

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes, consult a Doctor **SKIN:** Flush with water for 15 minutes, consult a Doctor

INHALATION: Remove from further exposure, move into fresh air and rest.

5. FIRE FIGHTING MEASURE

FLAMMABLE LIMITS: **LEL:** N/A

UEL: N/A

FLAMMABLE CLASS: 1A

GENERAL HAZARD: Non-flammable. **EXTINGUISHING AGENT:** CO_2, Dry Chemical, Water Fog

FIRE FIGHTING EQUIPMENT: Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (bunker gear) and SCBA should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which can easily be extinguished with a portable fire extinguisher, use of SCBA may not be required.

SENSITIVE TO STATIC DISCHARGE: Yes, avoid static discharge and strong oxidizing agents.

WHMIS FLAMMABILITY CLASSIFICATION: Class 2.2: non-flammable aerosol.

6. ACCIDENTAL RELEASE MEASURE

SMALL SPILL/ LEAK: Apply the appropriate personal protective equipment, move leaking container to a vent hood or well ventilated controlled area and allow pressure to dissipate. Once product has stop leaking, carefully check for residual product and dispose of as per section 13.

LARGE SPILL/ LEAK: Large spills or leaks are not anticipated; product is manufactured in 135ml, 150ml, 175ml & 236ml containers.

GENERAL PROCEDURES: Remove container to well ventilated area.

RELEASE NOTES: If spill could potentially enter waterway, including intermittent dry creeks, contact the local authorities. If in the U.S., contact US COAST GUARD NATIONAL RESPONSE CENTER toll free number 800-424-8802. In case of accidental or road spill notify INFOTRAC in the USA 800-535-5053, CANUTEC in Canada at 613-996-6666, other countries, at (international code) +1-352-323-3500.

COMMENTS: See Section 13 for disposal information and Section 15 for regulatory requirements. Large and small spills may have a broad definition depending on the user's handling system. Therefore, the spill category must defined at the point of release by technically qualified personnel.

7. HANDLING AND STORAGE

HANDLING: The product is considered safe under normal and anticipated handling conditions of temperatures and pressure. Avoid static discharge and strong oxidizing agents. No special equipment required for handling. Handle in well ventilated area.

STORAGE: Store canister in a cool, dry, well ventilated location. Do not expose to direct sunlight or temperatures above 50°C (120°F) or store near heat or open flame. Avoid static discharge and strong oxidizing agents.

8. HANDLING AND STORAGE

Component Name	CAS #	Hazard
1,1,1,2,-tetrafluoroethane	811-97-2	OSHA PEL NIF Dupont AEL 1000ppm Preliminary toxicity Assessment by Dupont
Pentafluoroethane	354-33-6	AIHA 1000ppm (TWA)
1,1,1- trifluoroethane	420-46-2	AIHA 1000ppm (TWA)

ENGINEERING CONTROLS: Provide adequate ventilation for continuous use.

PERSONAL PROTECTIVE EQUIPMENT: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: -4rC -54°F
DENSITY: 1 08
VAPOR DENSITY: (Air=1): 3.4
FLASHPOINT AND METHOD: DME -41°C (TOC)

pH: 7-9
% VOLATILE BY VOLUME: 100
% SOLIDS: 0
EVAPORATION RATE: (H20=1): >1

COMMENT: The above physical data are only approximate and do not represent specification values. They should only be utilized in the context of this safety data sheet.

10. STABILITY AND REACTIVITY

STABLE: This material is considered stable under normal and anticipated storage and handling conditions of temperature and pressure. Hazardous polymerization will not occur. Avoid storage in hot, unventilated areas. Protect from light; do not expose to temperatures higher than 50°C (120°F).
STABILITY: This product is considered stable under normal and anticipated handling conditions of temperatures and pressure. No special equipment required for handling. Handle in well ventilated area.
CONDITIONS TO AVOID: Avoid storage in hot, unventilated areas. Avoid static discharge and incompatibilities.
INCOMPATIBLE MATERIALS: May highly react with oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE: Contact with the eyes or skin can cause frostbite. Inhalation of vapors may cause irritation of the respiratory tract, dizziness and headache.
CHRONIC: No information available.

EYES EFFECTS: Frostbite/burn

SKIN EFFECTS: Frostbite/burn.

CARCINOGENICITY: Not considered carcinogenic
Not listed by NTP, IARC or OSHA.

12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself.

13. DISPOSAL CONSIDERATION

DISPOSAL METHOD: Dispose of in accordance with Local, State/ Provincial and Federal Regulations.
GERNERAL COMMENTS: Do not puncture of incinerate containers after use even when empty. Dispose of in accordance with Local, State/ Provincial and Federal Regulations. Recycle where appropriate.

14. TRANSPORTATION INFORMATION

U.S. DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Consumer Commodity
TECHICAL NAME: N/A
PRIMARY HAZARD CLASS/DIVISON: N/A
UN/NA NUMBER: UN3163
PACKING GROUP: N/A
LABEL: ORM-D/ Packages comply

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Consumer Commodity
TECHICAL NAME: N/A
PRIMARY HAZARD CLASS/DIVISON: 9
UN or ID NUMBER: ID8000
PACKING GROUP: None

CANADA TRANSPORT OF DANGEROUS GOODS & VESSEL SHIPMENTS

PROPER SHIPPING NAME:	Liquefied Gas, Non-Flammable
PRIMARY HAZARD CLASS/DIVISON:	Non-Flammable Gas
UN or ID NUMBER:	UN1950
NAERG:	115
LABEL:	Non-Flammable Gas

EUROPEAN SHIPPING NAME:

PROPER SHIPPING NAME: LAND/SEA:		Aerosols, N.O.S, Non-flammable
	AIR:	Aerosols, Non-Flammable
TECHICAL NAME:		
UN NUMBER:		UN1950
PRIMARY HAZARD CLASS:	**AIR/SEA:**	2.1,
	LAND:	2,f5

COMMENTS: Avoid shipping in hot, unventilated areas; avoid static discharge and strong oxidizing agents.

15. REGULATORY INFORMATION

CANADIAN COMMUNITY: WHMIS SYMBOLS AND CLASSIFICATIONS

Class A:
(Compressed Gas)

Class 2.2:
(Non-Flammable Aerosol)

Class D1A:
(Toxic-Immediate and Serious Effect)

EUROPEAN COMMUNITY: EEC LABEL SYMBOL AND CLASSIFICATION
Non-Flammable

OTHER:

PHASES: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C (120°F). Do not pierce or burn even after use.

16. OTHER INFORMATION

The information contained herein is based on current technical data and tests, which we believe to be accurate and reliable. It is intended for use by persons having technical knowledge and ski/f, at their own risk. We can assume no liability for results obtained or damages incurred through improper use of product or application of data. For Physician use only.

NL=Listed **N I F**=No Information Found **NE**=Not Established **NA**=Not Applicable

135ml, 150ml, 175ml & 236ml