

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communications Standard.
29CFR 1910.1200. Standard must be consulted for specific requirements.

SECTION I

MANUFACTURER'S NAME/REPACKAGED BY: ARI / Certified Safety Mfg., Inc.	TELEPHONE NO. (816) 483-9090
ADDRESS: 1400 Chestnut Avenue Kansas City, Missouri 64127	
IDENTITY (AS USED ON LABEL): <i>Blood Clotting Spray</i>	DATE PREPARED: 12/23/09
	DATE REVIEWED:

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s)):				
	%	OSHA PEL	ACGIH TWA	OTHER LIMITS RECOMMENDED
Benzethonium Chloride	CAS#121-54-0			Not Established
Lidocaine	CAS#137-58-6			Not Established
A-46-Hydrocarbon (propane & isobutene)	CAS#68476-86-8	55.0%		TLV1000 ppm
THIS PRODUCT IS PRODUCED AS A HEALTH CARE ITEM "FOOD, DRUG OR COSMETIC, INTENDED FOR PERSONAL CONSUMPTION BY EMPLOYEES WHILE IN THE WORKPLACE" TO WHICH THE HAZARDOUS COMMUNICATIONS REQUIREMENTS OF; 29CFR1910.1200 (A) & (B) DO NOT APPLY, AS SPECIFICALLY STATED IN 29CFR 1910.1200 (B) (5) (V)				

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	-.7°F	SPECIFIC GRAVITY (H₂O= 1):	.56
VAPOR PRESSURE (mm Hg.):	N/A	MELTING POINT:	N/A
SOLUBILITY IN WATER:	Solids form gel	% Volatiles by Volume	30.0%
pH	N/A		
APPEARANCE AND ODOR: Tan powder in a white liquid under pressure.			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): -100°F (Closed Cup)	FLAMMABLE LIMITS: LEL: N/A UEL: 130°F
EXTINGUISHING MEDIA: Dry chemical or CO ₂	
SPECIAL FIRE FIGHTING PROCEDURES: Cool containers with water if exposed	
UNUSUAL FIRE AND EXPLOSION HAZARDS: Flame Extension can extend flame at least 6 inches. Product packaged in aerosol form, will explode under extreme heat.	

SECTION V – REACTIVITY DATA

STABILITY:	STABLE	√	CONDITIONS TO AVOID: Stable under normal storage conditions.
	UNSTABLE		
INCOMPATIBILITY (Materials to avoid): Avoid contacts with strong oxidizing agents.			
HAZARDOUS POLYMERIZATION:	MAY OCCUR		CONDITIONS TO AVOID: Temperatures above 130°F.
	WILL NOT OCCUR	√	

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, aldehydes, and acids.

SECTION VI – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: **INHALATION:** May irritate upper respiratory tract. **SKIN CONTACT:** None
EYE CONTACT: Spray can cause pain and general inflammation. **INGESTION:** Ingestion of product may be harmful, or even fatal.

EFFECTS OF OVEREXPOSURE: Frostbite of the skin can be brought on the skin by holding product too close while spraying

EMERGENCY AND FIRST AID PROCEDURES: **Eyes:** Flush with large amounts of water for 15 minutes, lifting upper lids. **Skin:** None **Ingestion:** Consult a physician. **Inhalation:** Remove to fresh air.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: **Neutralizing chemical:** Shovel spills into appropriate containers for disposal. To remove residue, wet with water, absorb with sand or vermiculite and place in compatible container for disposal. Keep out of sewers and open bodies of water.

WASTE DISPOSAL & PRECAUTIONS: Dispose of in accordance with current local, state and federal regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (*Specify type*): None required.

VENTILATION: Good general ventilation should be sufficient for most conditions.

PROTECTIVE GLOVE: None required	EYE PROTECTION: None required
OTHER PROTECTIVE EQUIPMENT: None required	

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Packaged under pressure. Do not puncture, Incinerate or store above 120° F. Flammable. Keep away from heat source.

OTHER PRECAUTIONS: Store in well ventilated areas, away from heat, direct sunlight, and sources of ignition. Keep away from oxidizing agents. Containers should not be dropped. Install protective caps for shipment.

THIS INFORMATION AND RECOMMENDATIONS HEREIN ARE TAKEN FROM SOURCES BELIEVED TO BE ACCURATE AS OF THE DATE, HOWEVER CERTIFIED SAFETY MAKES NO WARRANTY WITH RESPECT TO THE ACCURACY OF THIS INFORMATION OR THE SUITABILITY OF THE RECOMMENDATIONS, AND ASSUMES NO LIABILITY TO ANY USE THEREOF.....