

BIN #327

MATERIAL SAFETY DATA SHEET

Date: 1997.

28-0540
ID# 277896

Section I-Product Identification

MANUFACTURER'S NAME: ARI	EMERGENCY PHONE: 1-800-241-5064
ADDRESS: McDonough Road, Orchard Hill, GA 30266	
TRADE NAME: BLOOD CLOTTING SPRAY	

Section II - Material Analysis

Component or Material Chemical Name	CAS#	TLV
BENZETHONIUM CHLORIDE	121-54-0	oral LD50 (rat) 420 mg/kg dust
LIDOCAINE	137-58-6	oral LD50 (rat) 317mg/kg
A-46	68476-86-8	GRAS listed

Section III- Physical Data

BOILING POINT	-7° F
SOLUBILITY IN H2O	solids form gel
SPECIFIC GRAVITY H2O=1	.56
VAPOR PRESSURE in can PSI at 70°F	n/a
% VOLATILES by VOL.	30%
APPEARANCE AND ODOR	tan powder in a white liquid under pressure

Section IV- Fire and Explosion Data

FLASH POINT (Closed cup)	below - 100° F	
FLAMMABLE EXPLOSIVE LIMITS	LOWER	n/a
	UPPER	130° F
EXTINGUISHING METHODS	Dry Chemical Co ₂	
SPECIAL FIRE and EXPLOSION PROCEDURES	Cool containers with water if exposed.	
UNUSUAL FIRE and EXPLOSION HAZARD	Product packaged in aerosol form - will explode under extreme heat.	

Section V- Health Hazard Information

HEALTH HAZARD DATA	
ROUTES OF EXPOSURE	
INHALATION	Possible respiratory tract irritation
SKIN CONTACT	none
EYE CONTACT	Eye irritation
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 to close while spraying.	
EMERGENCY AND FIRST AID PROCEDURES	
EYE	Flush eyes with plenty of water for 15 minutes
SKIN	none
INHALATION	Move to fresh air
INGESTION	Consult physician immediately

Section VI- Reactivity Data

CONDITIONS CONTRIBUTING TO INSTABILITY
Stable under normal storage conditions
INCOMPATIBILITY
Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS
Acids that attack timplate can
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION
Temperatures above 130°

Section VII-Spill or Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
Shovel spills into appropriate containers for disposal. To remove residue, wet with water, absorb with sand or vermiculite and place incompatible container for disposal. Keep out of sewers and open bodies of water.
WASTE DISPOSAL METHOD
Dispose of in accordance with state, local, and federal regulations.

Section VIII-Industrial Hygiene Control Measures

VENTILATION REQUIREMENTS

Good general ventilation should be sufficient for most conditions.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (Specify in detail)	none required
EYE	none required
GLOVES	none required
OTHER CLOTHING AND EQUIPMENT	none required

Section IX-Special Precautions

PRECAUTIONARY STATEMENTS

Packaged under pressure. Do not puncture, incinerate, or store above 120°F.
Flammable. Keep away from heat source.

OTHER HANDLING AND STORAGE REQUIREMENT

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.

DEPARTMENT OF TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: AEROSOLS NOL

HAZARD CLASS: ORM-D

Prepared by: **ARI**

Date: 1997