



MATERIAL SAFETY DATA SHEET

MSDS: **303**
REV. DATE: 2/12
PAGE 1 OF 2

Section I - PRODUCT IDENTIFICATION

ZEE MEDICAL, INC.

22 Corporate Park

Irvine, CA 92606

800/841-8417

Emergency Phone No. (CHEMTREC): 800/424-9300

TRADE NAME: **Blood Clotting Spray**

#213

Section II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>%</u>	<u>CAS NUMBER</u>	<u>PEL, OSHA (ppm)</u>	<u>TLV, ACGIH (ppm)</u>
Gum tragacanth	40-60	N/A	N/E	N/E
Gum karaya	40-60	N/A	N/E	N/E
Benzethonium chloride	0.2	121-54-0	N/E	N/E
Butane, isobutane, propane	Propellants	106-97-8	800	800

Section III - PHYSICAL DATA

Boiling Point: -30 F

Specific Gravity: N/A

Vapor Pressure: (mm Hg): 31 PSIG @ 70 F

Melting Point: N/A

Vapor Density: 2.0

Evaporation Rate: 1.5 (Ethyl ether=1)

Solubility In Water: 2%

Appearance and Odor: Off-white powder, odorless.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: -187 F

Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.

Special Fire Fighting Procedures: Confine fire to immediate area, vent room and low lying areas. Containers are pressurized and explosive and should be cooled by spraying with water so temperature does not exceed 130 F.

Unusual Fire and Explosion Hazards: Containers may rupture explosively if exposed to heat above 130 F.

NFPA Hazard Rating: Health: 1 Flammability: 4 Reactivity: 0 Special: N/A

HMIS Hazard Rating: Health: 1 Flammability: 4 Reactivity: 0

Hazard Index: 4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal

Section V - HEALTH HAZARD DATA

Primary Routes of Entry: Eye or skin contact, inhalation, ingestion.

Health Hazards: Eye contact may result in eye irritation. Inhalation may result in irritation to nasal passages and lungs. Inhalation of high concentrations for extended period of time may result in dizziness, headache, drowsiness, loss of appetite and inability to concentrate. Ingestion may cause gastric disturbances.

Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Emergency First Aid Procedures: Eye or skin contact: Flush immediately with large amounts of water. If redness or irritation persists, contact a physician. Inhalation: Move to fresh air at once. If breathing has stopped, perform artificial respiration and contact a physician immediately. Ingestion: Contact a physician immediately.

Section VI - REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will not occur Incompatibilities: Heat, oxidizing materials.

Hazardous Decomposition Products: Toxic gases may be released during fire.

Section VII - SPILL AND DISPOSAL PROCEDURES

Spill: Leaking cans should be placed in open containers outdoors until pressure has been released. Cover spilled liquid with absorbent material, then transfer to suitable container.

Disposal: Dispose of in accordance with local, state and federal regulations.

Section VIII - SAFE HANDLING AND USE INFORMATION

Respiratory Protection: If TLV or PEL is exceeded, use NIOSH approved air purifying respirator with organic vapor cartridge.

Ventilation: General mechanical. Local exhaust may be required if TLV or PEL is exceeded.

Protective Equipment: Eye protection and protective equipment as necessary to prevent excessive contact.

Section IX - SPECIAL PRECAUTIONS

Do not incinerate or store near heat sources such as radiators, open flames, stoves, heaters, etc. Keep in cool dry place at temperature below 130 F. Do not puncture containers. Do not spray near flame or while smoking. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Use only as directed on label. Keep out of reach of children. Read label for uses and directions. Do not use beyond expiration date. Eyewash station should be available for emergency use.

N/A = Not applicable
N/E = Not established