

This item was discontinued prior to GHS implementation.
A GHS Safety Data Sheet is not available for this item.

Material Safety Data Sheet

Revision Date 12-Mar-2010

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code SF10052
Product name Blood Clotter
Recommended Use Safety Products
Supplier Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
(847)-827-9666
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview Flammable.

Color Clear

Odor No information available

Form Aerosol

Aggravated Medical Conditions None Known

Principal Routes of Exposure Eyes. Inhalation. Ingestion.

Potential health effects

Eyes May cause the following effects:. Pain. inflammation.
Skin Extreme overexposure may cause. Frostbite.
Inhalation May cause the following effects. Upper respiratory tract irritation.
Ingestion Harmful or fatal if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propane/Isobutane/N-Butane	68476-86-8	40-70
Lidocaine	137-58-6	1-5
Benzethonium Chloride	121-54-0	0.1-1

4. FIRST AID MEASURES

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

Skin contact Treat burned or frostbitten skin by flushing or immersing affected areas in lukewarm water. If skin is not burned, keep area warm and stimulate circulation with gentle massage. .

Ingestion Consult a physician.

Inhalation Remove to fresh air.

5. FIRE FIGHTING MEASURES

Flash point °C <-73
Flash point °F <-100
Method Closed cup

Autoignition temperature °C Not Applicable
Autoignition temperature °F Not Applicable

Flammability Limits (% in Air)

Upper No data available
Lower No data available

Suitable extinguishing media

Dry chemical. Carbon dioxide (CO2).

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Specific hazards

Flammable

Fire and Explosion Hazards

Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Containers may vent or burst under extreme or prolonged fire conditions.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

7. HANDLING AND STORAGE

Handling

Keep in a well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Do not puncture or incinerate. Always handle and store in a careful manner. Do not mix or store near strong oxidizers.

Storage

Keep away from direct sunlight. Store in temperatures below 120 degrees F. Store away from flammable and combustible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Propane/Isobutane/N-Butane	-	-	-	-
Lidocaine	-	-	-	-
Benzethonium Chloride	-	-	-	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

Hygiene measures

General industrial hygiene practice.

Personal protective equipment

Respiratory protection

None necessary under normal conditions.

Hand Protection

Gloves are not required in normal use.

Eye protection

None necessary under normal use conditions.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol	Color	Clear
Odor	No information available	Odor Threshold	Not Applicable
pH	Not Applicable	Specific Gravity	0.56
Vapor pressure	Not Applicable	Vapor density	Not Applicable
Evaporation Rate	Not Applicable	VOC Content	30
Water solubility	Insoluble	Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	-18	Boiling point/range °F	-0.7
Melting point/range °C	Not Applicable	Melting point/range °F	Not Applicable
Flash point °C	<-73	Flash point °F	<-100

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to avoid

Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause containers to burst. Dropping of containers may cause bursting.

Incompatibility

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon oxides. Aldehydes. Acid .

Polymerization

Heating above 130F may cause polymerization .

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
Propane/Isobutane/N-Butane 68476-86-8	-	-	-
Lidocaine 137-58-6	317 mg/kg	-	-
Benzethonium Chloride 121-54-0	368 mg/kg	-	-

Synergistic Products

None known

Potential health effects**Sensitization**

None known

Chronic toxicity

None known

Mutagenic effects

None known

Teratogenic effects

None known

Reproductive toxicity

None known

Target Organ Effects

See Section 2

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Lidocaine	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Benzethonium Chloride	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

No Information Available

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION**DOT**

UN1950 Aerosols, flammable, 2.1

Exception: (Compressed Gas not more than 1.0L) Consumer Commodity ORM-D**TDG**

UN1950 AEROSOLS, flammable, 2.1

IMDG/IMO

UN1950 Aerosols, flammable, 2.1

IATA

UN1950 Aerosols, flammable, 2.1

MEX

UN1950 Aerosols, flammable, 2.1

15. REGULATORY INFORMATION

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed
Lidocaine	Not Listed	Not Listed	Not Listed
Benzethonium Chloride	Not Listed	Not Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Propane/Isobutane/N-Butane	X	X	-	X
Lidocaine	X	X	-	X
Benzethonium Chloride	X	X	-	X

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA		HMIS	
Health	-	Health	-
Flammability	-	Flammability	-
Reactivity	-	Physical Hazard	-

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.