

# MATERIAL SAFETY DATA SHEET

Topical Haemostat Spray

MSDS Number: APL01/01--- Effective Date: September 12<sup>th</sup> 2003

## 1. Product and Company Identification

**Manufacturer:** Alltracel Pharma Ltd., Alltracel House, 10A Church Place  
Sallynoggin, Co. Dublin, Ireland.

**Emergency Health & Product Safety Information:** +353 1 2352162

## 2. Composition/Information on Ingredients

Ingredient	CAS No.	Concentration (w/w%)	R Phrases	Hazard symbol
MDOC	N/A	6.35	N/A	N/A
Methylal	109-87-5	40.45	R11	F
Isopropanol	67-63-0	3.80	R11, R20	F
LPG (Propane-butane mixture)	N/A	49.40	R12	F+

## 3. Hazardous Identification

### Main Hazards:

Extremely flammable

### Health Effects – Eyes:

Liquid may cause slight transient irritation.

### Health Effects – skin:

N/A

### Health Effects – Ingestion:

Swallowing may have the following effects:- nausea.

### Health Effects - Inhalation:

N/A

#### 4. First Aid Measures

**Inhalation:**

Remove to fresh air. Get medical attention for any breathing difficulties.

**Ingestion:**

Wash out mouth with water. Get medical advice if adverse symptoms develop.

**Skin Contact:**

Get medical advice if irritation develops.

**Eye Contact:** Flush eyes with plenty of water. Get medical advice if irritation persists.

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#### 5. Fire Fighting Measures

**Extinguishing Media:**

Keep containers and surroundings cool with water spray. Use foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media:**

Do not use water jet.

**Special Hazards of Product:**

Containers may explode in heat of fire. This product may give rise to hazardous fumes in a fire.

**Protective Equipment for Fire-Fighting:**

Wear self-contained breathing apparatus.

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#### 6. Accidental Release Measures

**Personal Precautions:**

Eliminate all sources of ignition. Ventilate the area. Material can create slippery conditions underfoot.

**Environmental Precautions:**

Try to prevent the material from entering drains or watercourses. Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation.

**Spillages:**

Allow evaporating if it is safe to do so or contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

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## 7. Handling and Storage

Store in dry, indoor, clean storage places, to prevent weather effects Storage temperature should be kept below 50°C. Protect from sunlight or excessive heat; keep away from sources of ignition, no smoking.

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## 8. Exposure Controls/Personal Protection

**Hand Protection:** N/A  
**Eye Protection:** N/A  
**Body Protection:** Normal work wear  
**Protection during application:** N/A

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## 9. Physical and Chemical Properties

### Appearance:

White to creamy-yellow suspension

### Odour:

By solvents - isopropanol, Methylal

### Density of suspension:

0,900 - 0,920 g/cm<sup>3</sup>

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## 10. Stability and Reactivity

**Stability:** Stable under normal conditions  
**Conditions to Avoid** Temperatures in excess of 50°C Exposure to direct sunlight  
**Materials to Avoid:** Strong oxidising agents  
**Hazardous Decomposition Products:** Combustion will generate: smoke, possibly thick and choking

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## 11. Toxicological Information

**Acute Toxicity:** N/A

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**12. Ecological Information**

**Mobility** The product is volatile/gaseous and will partition to the air phase.

**Persistence/Degradability** The product is expected to be resistant to biodegradation

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**13. Disposal Considerations**

**Container Disposal:**  
Plastic caps and empty aerosols may be recycled via appropriate routes. Empty aerosols may be disposed of by authorized landfill. Do not incinerate closed containers.

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**14. Transport Information**

Transport over land ADR/RID

ADR/RID class:	2
Identification Number:	5
UN – No.:	UN 1950

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**15. Regulatory Information**

Symbol:	F+ Extremely flammable
R-phrases:	R12-36/37-44
S-phrases:	S2-15/16-25

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**16. Other Information**

**Product Use:**  
Medical device stop bleeding spray.

**Revision Information:**  
Revision 0.

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