



# Material Safety Data Sheet



Product Name Saccomanno Collection Fluid Product Code SL25

Teratology Mutation data cited in "Registry of Toxic Effects of Chemical Substances" for Ethanol and Methanol. Details not reported other than test performed and dosage.

Reproduction Effects cited in "Registry of Toxic Effects of Chemical Substances" for Ethanol and Methanol.

Mutagenicity N/A

## Section 4. First Aid Measures

Eye Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician.

Skin Wash areas of contact with soap and water for at least 15 minutes. Call a physician if irritation develops.

Ingestion Dilute immediately with large quantity of water or milk. Induce vomiting. Call a physician.

Inhalation Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

All Other Means of Exposure CONTACT POISON CONTROL CENTER IMMEDIATELY. Be prepared to provide hazardous ingredient information from Section 2.

## Section 5. Fire Fighting Measures

Flammable Properties	Flash Point	N/A	Method	N/A
Flammable Limits	Lower	N/A	Upper	N/A
Autoignition Temperature		N/A		

Hazardous Combustion Products N/A

Extinguishing Media Use dry chemical, alcohol foam, or carbon dioxide for extinguishing the surrounding fire. Use water as fog in flooding quantities.

Fire Fighting Instructions Poisonous gases are produced in a fire. Continue to cool containers with water after fire is extinguished. For large fires, use unmanned hose apparatus. Consider down-wind conditions.

Fire & Explosion Hazards Vapors can flow along surfaces to distant ignition source and flash back. Use water spray to blanket fire, cool fire exposed containers, and to flush non-ignited spills or vapors away from fire.

Fire Fighting Equipment Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## Section 6. Accidental Release Measures

Remove all sources of ignition. Contain spill. Absorb in suitable material (vermiculite, dry sand, etc) for disposal in a RCRA approved waste disposal facility. Ventilate area of spill.

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## Section 7. Handling and Storage

Handling/Storage As with all chemicals, wash hands thoroughly after handling.  
Avoid contact with eyes. Protect from freezing and physical damage. Store in  
secure, flammable storage area away from all sources of ignition. Empty containers  
may be hazardous since they retain product residues. Store at controlled room  
temperature, 15-30°C. SAFETY STORAGE CODE: FLAMMABLE

## Section 8. Exposure Controls, Personal Protection

Engineering Controls A system of local and/or general exhaust is recommended to keep  
employee exposures below the Airborne Exposure Limits.

Respiratory Protection If the TLV is exceeded, wear a supplied air, full face  
respirator.

Skin Protection Gloves

Eye Protection Safety glasses, goggles.

### Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Polyethylene Glycol 1500	25322-68-3	N/A	N/A		2
Ethanol	64-17-5	1000 ppm	1000 ppm		45-50
Methanol	67-56-1	200 ppm	200 ppm		2-3
Water, Deionized	7732-18-5	N/A	N/A		Balance
Inert Green Dye	Proprietary	N/A	N/A		<0.1

## Section 9. Physical and Chemical Properties

Boiling Point (°C)	approx. 82	Specific Gravity (H <sub>2</sub> O = 1)	approx. 0.93
Vapor Pressure (mm Hg)	N/A	Melting Point (°C)	approx. -46
Vapor Density (AIR = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	N/A
Solubility in Water	Infinite	Physical State	Liquid
Appearance and Odor	Clear, green liquid mild alcohol odor	Other	

## Section 10. Stability and Reactivity

Chemical Stability Stable under normal conditions of use and storage.

Incompatibility Oxidizers, platinum, sodium, potassium dioxide,  
bromine pentafluoride, acetyl bromide, acetyl chloride, concentrated Nitric  
Acid, Sulfuric Acid, heat, sparks, open flame.

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Hazardous Decomposition Products Carbon oxides may form when heated to decomposition.

Hazardous Polymerization Will not occur.

## Section 11. Toxicological Information

LD<sub>50</sub>, Oral, Rat: (Methanol) 5628 mg/kg (Details of toxic effects not reported other than lethal dose value according to "Registry of Toxic Effects of Chemical Substances." LD<sub>50</sub>, Oral, Rat: (Ethanol) 7060 mg/kg. Polyethylene Glycol 1500, >4000 mg/kg.

## Section 12. Ecological Information

Ecotoxicological Information: Ethanol has moderate chronic toxicity to aquatic life.

Chemical Fate Information: Ethanol is slightly persistent in water, with a half-life between 2 to 20 days.

## Section 13. Disposal Considerations

Absorb liquid with suitable material. Containerize usable material for disposal in a RCRA approved waste facility for burning. Dispose of in accordance with local, state, and federal regulations.

## Section 14. Transport Information

US DOT (domestic ground) Alcohols (ethanol & methanol) 3, III, UN1987

IATA (air) Alcohols, flammable, toxic, n.o.s (ethanol & methanol) 3,II, UN1986

NOTE: It is ultimately the shippers responsibility to make hazard class determination based on their best information available.

## Section 15. Regulatory Information

OSHA Status: This item meets the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

TSCA Status: All components of this solution are listed on the TSCA Inventory.

CERCLA Reportable Quantity: Methanol, RQ 5,000 lbs.

SARA TITLE III:

Section 302 Extremely Hazardous Substances: No

Section 311/312 Hazardous Categories: Acute: Yes; Fire: Yes; Pressure: No

Reactivity: No; Chronic: Yes

Section 313 Toxic Chemicals: Yes (Methanol)

RCRA Status: No

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California Proposition 65: Not listed

Florida: Ethanol and Methanol are listed on the FLORIDA TOXIC SUBSTANCES list.

Pennsylvania: Ethanol is listed as a basic hazard, while Methanol is listed as an environmental hazard.

## Section 16. Other Information

**NFPA Rating:** Health: 1 Flammability: 2 Reactivity: 0 Special Notice Key: None

**HMIS® Ratings** Health: 1 Flammability: 2 Reactivity: 0 Protective Equipment: B

(protective eyewear and gloves)

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration to its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and STATLAB MEDICAL PRODUCTS, INC. assumes no legal responsibility or liability whatsoever resulting from its use.