

MATERIAL SAFETY DATA SHEET

9901142

IDENTITY Mann Astringent Cinnamon Mouthwash Concentrate**Section 1 - Manufacturer****Mann Chemicals
757 Logan Street
Louisville, KY 40204-1849****Emergency and information:****(502) 585-2001****Date prepared : 9/28/98****Section 2 - Hazardous ingredients/identity****Ethanol 10%****Section 3 - Physical and Chemical Characteristics****Boiling Point: Approx 98°C Specific Gravity (water=1): 1.02****Vapor Pressure: Approx 30 torr at 27°C Melting Point: Approx -5°C****Vapor Density (air-1): 1.3 Evaporation Rate: Not determined
(Butyl acetate = 1)****Solubility in water: 100%****Appearance and Odor: Clear, deep red liquid, with cinnamon odor****Section 4 - Fire and Explosion Hazard Data****Flash Point: Not applicable****Flammable limits: Not applicable****Extinguishing media: Water, CO₂****Special firefighting procedures: None****Unusual fire and explosion hazards: None****Section 5 - Reactivity Data****Stability: Stable****Incompatibility: Active metals****Hazardous Decomposition or Byproducts: None****Hazardous Polymerization: Will not occur**

MSDS Mann Astringent Cinnamon Mouthwash Concentrate 9/28/98 Page 2 of 2**Section 6 - Health Hazard Data**

Health hazards:	Inhalation:	Acute:	None known
		Chronic:	None known
	Skin:	Acute:	None known
		Chronic:	None known
	Ingestion:	Acute:	Gastric upset - will cause vomiting
		Chronic:	None known
Carcinogenicity:			none
Signs and symptoms of exposure:			None apparent
Medical conditions generally aggravated by exposure:			None
Emergency and first aid procedures:			Flush thoroughly with water if it gets into eyes or mouth.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken if material is spilled or released: Flush thoroughly with water.

Waste disposal methods: Standard disposal procedures.

Precautions for handling and storage: Store in tight containers.
Provide adequate ventilation during use.

Other precautions: None

Section 8 - Control Methods

Respiratory protection: Avoid prolonged breathing of vapor.

Ventilation: Mechanical may be needed in a confined area.

Protective Equipment:

Eyes	Safety glasses
Hands	None needed
Other	None needed

Work/hygienic practices: No unusual practices needed

MANN CHEMICAL CORP.

757 LOGAN STREET

LOUISVILLE, KY. 40204-1849

ASTRINGENT CINNAMON MOUTHWASH CONCENTRATE

The finest most economical mouthwash ever developed for dentists and their patients. An effective, pleasant-tasting concentrate, just one ounce makes a full quart for spray or rinse.

Do not purchase if safety seal is broken.

The professional's choice for over 50 years.

DIRECTIONS

Mix as needed — 1 ounce MANN Concentrate to 31 ounces of water for a full quart. Never use in concentrated form. Avoid swallowing. A few drops in a half glass of water refreshes breath and effectively loosens organic debris in the mouth. Dilutes clear at all times. Store at room temperature.

CONTENTS

Alcohol 9% by volume, with Propylene Glycol, BRIJ 35, Saccharin, Zinc Chloride, Cinnamaldehyde, Menthol, Eugenol, Eucalyptol, Hydrochloric Chloride, FD&C Red No. 40. MANN CHEMICAL CORP. Louisville, KY, U.S.A. 40202



1 Gallon

3.785 Liters

ITEM 10. "MANN" ASTRINGENT MOUTH WASH CONCENTRATE

Cosmetic

COMPOSITION:

ETHANOL - 9.4 v/v% (from SDA 38B, E/E)

Effective Ingredient: Zinc Chloride

Other Ingredients: Propylene Glycol, BRIJ 35, Saccharin, Cinnamaldehyde, Menthol, Eugenol, Eucalyptol, Hydrochloric Acid, FD&C Red No. 40, in distilled water.

The diluted "use" form rinses the mouth, providing cleansing, astringent and deodorizing action.

HAZARD CLASSIFICATION: None known.

NOTE: Contains Sodium Saccharin

PEB/Dec 85