

# Material Safety Data Sheet

## PRODUCT CODE NUMBERS:

MSC8722EP, MSC8744EP, MSC8722EPZ, MSC8722EPH, MSC8744EPZ, MSC9744EPH

## SECTION 1

ISSUE DATE: March 18, 2009

IDENTITY: **PURACOL PLUS AG**

### MARKETED OR DISTRIBUTED BY:

Medline Industries, Inc.  
One Medline Place  
Mundelein, IL 60060  
**1.800.MEDLINE**

*Emergency Telephone Information:*  
**Contact Your Regional Poison Control Center**

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific chemical identity, common name(s))	CAS #	OSHA PEL	ACGIH TLV	Other limits Recommended	% (Optional)
Collagen (insoluble, freeze-dried)	9064-67-9		NA		
Ionic silver from silver chloride	7761-88-8		NA		

## SECTION 3 – HAZARDS IDENTIFICATION

Routes of entry:	Eyes	Skin	Ingestion	Inhalation	
Potential health effects:	Eyes: None Known	Skin: Not a direct hazard	Ingestion: Not a direct hazard	Inhalation: Not a direct hazard	
Health Hazards: The data available do neither support any environmental hazard nor any adverse human health hazard if handled and used properly.					
Medical conditions generally aggravated by exposure: None Known					
Carcinogenicity:	OSHA	ACGIH	NTP	IARC	Other

## SECTION 4 – FIRST AID MEASURES

<b>Emergency and First Aid procedures:</b>
<b>Skin contact:</b> Not a direct hazard
<b>Eye contact:</b>
<b>Inhalation:</b> Not a direct hazard
<b>Ingestion:</b> Not a direct hazard

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### SECTION 5 – FIRE-FIGHTING MEASURES

Flash point (method used): NA		
Explosive limits:	LEL: NA	UEL: NA
Extinguishing media: Dry fire extinguisher, carbon dioxide, water		
Special Fire Fighting Procedures: None Known		
Unusual Fire and Explosive Hazards: None Known		
Hazardous decomposition byproducts: None Known		

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:		
Personal precautions	:	none
Environmental precautions	:	none
Methods of cleaning up	:	none

### SECTION 7 – HANDLING AND STORAGE

Precautions to be taken in handling and storing:		
Handling	:	keep away from heat Do not use if individual pack is damaged or open. Do not re-sterilize.
Storage	:	Store in a dry place at room temperature. Do not store above 25°C.
Suitable packaging materials	:	Alu pouches

### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (specify type): Not necessary	
Ventilation:	
Protective gloves: Not necessary	
Eye Protection: Not necessary	
Other protective clothing or equipment: Not necessary	
Work/hygienic practices: Normal good work hygiene practices.	

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point: NA	SP Gravity (water=1):
Vapor pressure (mm Hg): NA	Melting Point: NA
Vapor density (air=1): NA	Evaporation Rate (butyl acetate=1):
Solubility in water: Insoluble	
Appearance and odor: White solid with neutral odor	

### SECTION 10 – STABILITY AND REACTIVITY

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Stability:
Conditions to avoid: Influence of light and warmth; protect from frost; storage under room temperature, not to be stored at temperatures >25C
Incompatibility (materials to avoid): Protect from humidity and damages
Hazardous decomposition or byproducts: None Known
Hazardous polymerization:

## SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological Information:	
Cytotox:	: Under experimental conditions extracts of Puracol™ Plus AG possessed a cytotoxic potential due to the silver ingredient. At extract concentrations < 50% no cytotoxicity did occur.
Acute toxicity	: not toxic
Oral LD <sub>50</sub>	: n.a.
Dermal LD <sub>50</sub>	: n.a.
Inhalation LD <sub>50</sub>	: n.a.
Contact Allergens	: not an sensitiser
Skin Irritation	: not an irritant
Chronic toxicity	: n.a.
Carcinogenicity :	n.a.

## SECTION 12 – ECOLOGICAL INFORMATION

Ecological information:	
Comment	: n.a.
Eco-toxicity	: n.a.

## SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method: Follow all local, state and federal regulations.
RCRA Hazard Class:

## SECTION 14 – TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not classified as dangerous in the meaning of transport regulations.

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## **SECTION 15 -- REGULATORY INFORMATION**

Regulations	:	Take notice of special national regulations
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## **SECTION 16 - ADDITIONAL INFORMATION**

Safety and Hazard Ratings: (Minimal = 0; Slight = 1; Moderate = 2; Severe = 3; Extreme = 4)

Health (Acute-Chronic):            Flammability:            Reactivity:            Environment (Air-Water-Soil):

*The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Medline Industries, Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.*

### **Document Revision History:**

Issued:	March 18, 2009	New document
Revised:	November 18, 2009	Revised item number
	March 23, 2010	Added 4 new item numbers