

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

<p>IDENTITY <i>(As Used on Label and List)</i> Collagen: Type I from Bovine deep flexor tendon May be in membrane, sheet, sponge, fiber, powder, and/or granular forms.</p>	<p>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</p>
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Section I

Manufacturer's Name Integra LifeSciences Corporation	Emergency Telephone Number 856-439-4316
Address <i>(Number, Street, City, State, and ZIP Code)</i> 105 Morgan Lane	Telephone Number for Information 609-275-0500
Plainsboro, NJ 08536	Date Prepared September 26, 2006
	Signature of Preparer <i>(optional)</i>

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL Not established	ACGIH TLV No information	Other Limits Recommended	%(optional)
Chemical Name:	Type I Collagen from Bovine deep flexor tendon			
Chemical Family:	Protein			
Molecular Weight:	Approximately 100,000			
DOT Classification:	Nonhazardous			
CAS No.:	9007-34-5			

Section III - Physical/Chemical Characteristics

Boiling Point	Unknown, not relevant	Specific Gravity (H ₂ O = 1)	Unknown, not relevant
Vapor Pressure (mm Hg.)	Not applicable	Melting Point	Unknown, not relevant
Vapor Density (AIR = 1)	Not applicable	Evaporation Rate (Butyl Acetate = 1)	Not applicable
Solubility in Water Not water soluble			
Appearance and Odor White to tan; generally odorless.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Nonexplosive	Flammable Limits Nonflammable	LEL Not relevant	UEL Not relevant
Extinguishing Media Not relevant			
Special Fire Fighting Procedures Not relevant			
Unusual Fire and Explosion Hazards Nonflammable, Nonexplosive			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid Products are stable
	Stable	X	Products are stable
Incompatibility (<i>Materials to Avoid</i>) None			
Hazardous Decomposition or Byproducts None			
Hazardous Polymerization	May Occur		Conditions to Avoid No polymerization hazards
	Will Not Occur	X	No polymerization hazards

Section VI – Health Hazard Data

Route(s) of Entry: Surgically implanted	Inhalation? Not expected, sponges are nonfriable	Skin? No harmful effects expected.	Ingestion? No harmful effects expected
Health Hazards (<i>Acute and Chronic</i>) No acute or chronic effects of overexposure are currently known.			
Carcinogenicity: Noncarcinogenic	NTP? Not listed	IARC Monographs? Not listed	OSHA Regulated? No exposure limits established by OSHA
Signs and Symptoms of Exposure None identified			
Medical Conditions Generally Aggravated by Exposure None identified			
Emergency and First Aid Procedures No harmful effects expected. If exposure to eyes occurs, flush with plenty of water. Seek medical attention if irritation develops.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Nonhazardous material
Waste Disposal Method Dispose of material in compliance with all federal, state and local laws and regulations (for a food grade product).
Precautions to Be taken in Handling and Storing Nonhazardous material
Other Precautions Nonhazardous material

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>) None required		
Ventilation	Local Exhaust None required	Special None required
	Mechanical (<i>General</i>) None required	Other None required
Protective Gloves None required	Eye Protection None required	
Other Protective Clothing or Equipment None required		
Work/Hygienic Practices None required		