

Safety Data Sheet

Material Name: Immunization Collagen, Solution

Product Code: 20012, 20022, 20032, 20042, 20052, 20062 - collagen type II of different species: chick (2 mg/ml x 5 ml), bovine (2 mg/ml x 5 ml), porcine (2 mg/ml x 5 ml), rat (2 mg/ml x 2.5 ml), human (2 mg/ml x 0.5 ml), mouse (2 mg/ml x 0.5 ml)

*** Section 1 - Product and Company Identification ***

Manufacturer Information

Chondrex, Inc.

*** Section 2 - Hazards Identification ***

GHS Classification:

Not Classified according to GHS.

GHS LABEL ELEMENTS

Symbol(s)

None

Signal Word

None

Hazard Statements

None

Precautionary Statements

None

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
9007-34-5	Collagens	100

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Flush eyes with water.

First Aid: Skin

Wash affected area with soap and water.

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First Aid: Ingestion

Never give anything by mouth to a victim who is unconscious or is having convulsions.

First Aid: Inhalation

Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration.

***** Section 5 - Fire Fighting Measures *****

General Fire Hazards

See Section 9 for Flammability Properties.

None.

Hazardous Combustion Products

Not Determined.

Extinguishing Media

Use appropriate extinguishing media for surrounding fire.

Unsuitable Extinguishing Media

None.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

***** Section 6 - Accidental Release Measures *****

Recovery and Neutralization

Stop the flow of material, if this is without risk.

Materials and Methods for Clean-Up

Keep in suitable, closed containers for disposal.

Emergency Measures

Isolate area. Keep unnecessary personnel away.

Personal Precautions and Protective Equipment

No special measures necessary.

Environmental Precautions

None

Prevention of Secondary Hazards

None

***** Section 7 - Handling and Storage *****

Handling Procedures

Avoid eye and skin contact when handling.

Storage Procedures

No special storage necessary.

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Incompatibilities

Strong oxidizers.

*** Section 8 - Exposure Controls / Personal Protection ***

Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Measures

None required under normal product handling conditions.

Personal Protective Equipment: Respiratory

Not required under normal product handling conditions.

Personal Protective Equipment: Hands

Use impervious gloves.

Personal Protective Equipment: Eyes

Wear chemical goggles; face shield (if splashing is possible).

Personal Protective Equipment: Skin and Body

None needed under normal product handling conditions.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Clear	Odor:	None
Physical State:	Liquid	pH:	ND
Vapor Pressure:	ND	Vapor Density:	ND
Boiling Point:	ND	Melting Point:	ND
Solubility (H2O):	ND	Specific Gravity:	ND
Evaporation Rate:	ND	VOC:	ND
Octanol/H2O Coeff.:	ND	Flash Point:	NA
Flash Point Method:	NA	Upper Flammability Limit (UFL):	NA
Lower Flammability Limit (LFL):	NA	Burning Rate:	NA
Auto Ignition:	NA		

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Hazardous Reaction Potential

Will not occur.

Conditions to Avoid

None

Incompatible Products

Strong oxidizing agents.

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Hazardous Decomposition Products

Not Determined.

*** Section 11 - Toxicological Information ***

Acute Toxicity

Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Potential Health Effects: Skin Corrosion Property/Stimulativeness

May be harmful if absorbed through skin. May cause skin irritation.

Potential Health Effects: Eye Critical Damage/ Stimulativeness

May cause eye irritation.

Potential Health Effects: Ingestion

May be harmful if swallowed.

Potential Health Effects: Inhalation

May be harmful if inhaled. May cause respiratory tract irritation.

Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have any skin sensitization effects.

Generative Cell Mutagenicity

This product is not reported to have any mutagenic effects.

Carcinogenicity

A: General Product Information

This product is not reported to have any carcinogenic effects.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Reproductive Toxicity

This product is not reported to have any reproductive toxicity effects.

Specified Target Organ General Toxicity: Single Exposure

This product is not reported to have any single exposure specific target organ toxicity effects.

Specified Target Organ General Toxicity: Repeated Exposure

This product is not reported to have any repeat exposure specific target organ toxicity effects.

Aspiration Respiratory Organs Hazard

This product is not reported to have any aspiration hazard effects.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

This product is not reported to have any ecotoxicity effects.

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B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Persistence/Degradability

No information available for the product.

Bioaccumulation

No information available for the product.

Mobility in Soil

No information available for the product.

***** Section 13 - Disposal Considerations *****

Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

***** Section 14 - Transportation Information *****

DOT Information

Shipping Name: Not Regulated

***** Section 15 - Regulatory Information *****

Regulatory Information

US Federal Regulations

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

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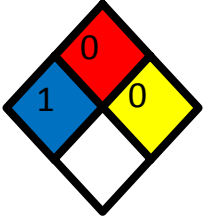
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Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Collagens	9007-34-5	Yes	DSL	EINECS

NFPA Rating



* * * Section 16 - Other Information * * *

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

Literature References

None

End of Sheet

