

ENCOLL CORP.

MATERIAL SAFETY DATA SHEET

Product name HELICOLL
Product code Q4164 Skin Substitute / Acellular Dermal Replacement
Usage For External Wounds, Ulcers, and 2nd Degree Burns
Appearance Membrane / Film / Sheet
Manufacturer / supplier ENCOLL CORP.
Address 4576 Enterprise Street, Fremont, CA 94538 USA
Phone number 510-396-8581
E mail guna@encoll.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component name	CAS No.	Conc. (% w/w)
Collagen	9064-67-9	100%

3. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS: EMERGENCY OVERVIEW

Human
Eyes The texture of membrane might irritate eye
Skin No adverse effect
Ingestion No adverse effect
Inhalation Seek Doctor's advice
Ecological No adverse effect; biodegradable

4. FIRST AID MEASURES

Eyes Eye bath is recommended.
Skin Wash thoroughly after handling.
Ingestion Drink water.
Inhalation Seek Doctor's advice

5. FIRE FIGHTING MEASURES

Flash point Not applicable

Extinguishing media	Non-flammable
Special exposure hazards	Not applicable
Protective equipment for fire-fighting	Not applicable
Fire fighting guidance	Non-flammable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	None
Environmental precautions	
Spillage	Clean-Up Procedure: Wash with alcohol, then with soap and water.

7. HANDLING AND STORAGE

Handling	Like any protein membrane
Storage	Normal room temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls	
Respiratory protection	Non-hazardous
Hand protection	Non-hazardous
Eye protection	Wash thoroughly with water

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Membrane/film/sheet
Color	Off white or yellow
Odor	None
Specific Gravity/Density at 23°C	Approx. 1
Melting point	N/A
Flash point	N/A
Vapor pressure at 20°C	N/A
Solubility in water (20°C)	N/A

10. STABILITY AND REACTIVITY

Stability	Stable protein membrane
Materials to avoid	Metals and aggressive chemicals

11. TOXICOLOGICAL INFORMATION

Acute studies	Found harmless on intended uses.
Eye	Wash with water or eye-bath.
Skin	Harmless protein. Non-irritant. Can be washed with clean water,
Ingestion	Non-toxic, membrane.
Inhalation	Non-toxic membrane. Avoid any inhalation and consult a doctor immediately.
Long term studies	N/A
Carcinogenicity	Non-carcinogenic
Mutagenicity	Non-toxic

Reproductive toxicity Non-toxic

12. ECOLOGICAL INFORMATION

Persistence in the environment

Toxic effects on organisms	Non toxic
Fish	Non toxic
Daphnia magna	Non toxic
Birds	Non-toxic

13. DISPOSAL CONSIDERATIONS

Product disposal	Disposal should be made in accordance with existing disposal practices employed for biological and/or biochemical waste.
Container disposal	Clean-Up Procedure: Wash with water, then with soap and water. Any regular standard disposal procedure of a non-toxic bottle.

14. TRANSPORT INFORMATION

UN number	As per Iata /Icao Not Regulated
UN class	Not regulated
UN packaging group	Not regulated

15. REGULATORY INFORMATION

Imidacloprid Technical CAS No	9064-67-9
Component name	Collagen protein

16. OTHER INFORMATION

MSDS data issued April 5, 2014

Disclaimer

The above information is intended to give general health and safety guidance on the storage and transport of the substance or product to which it relates. The requirement or recommendation of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product shall take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given. The information provided in this safety data sheet is accurate at the date of publication, and will be updated as and when appropriate.