

# COLLAGEN PROTECTCTOR (tissue-inhibitor-metalloproteinase-2)

## Material Safety Data Sheet (MSDS)

### 1. PRODUCT IDENTIFICATION

Product Name: collagen protector  
Description: a diluted aqueous solution of tissue inhibitor of metalloproteinase-2  
INCI Name: tissue inhibitor of metalloproteinase-2  
CAS Number: 124861-55-8  
EINECS Number:

Inhalation: Not determined  
Eye Contact: Not irritative  
Skin Contact: Neither irritative nor sensitizing  
Ingestion: Not toxic after oral ingestion.  
Other Information: Safe for cosmetic use

### 2. PHYSICAL & CHEMICAL PROPERTIES

Melting Point: approx. as water  
Boiling Point: approx. as water  
Vapor Pressure: approx. as water  
Vapor Density, Air= 1: not determined  
Viscosity: not determined  
Relative Density: not determined  
Solubility in water: soluble  
pH Value: 7.0—8.0  
Appearance & Odor: clear colorless liquid, no odor

### 8. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.  
Skin: Wash exposed areas of the body with water.  
Inhalation: Not applicable.  
Ingestion: None  
Other First Aid Information: None known

### 3. STABILITY & REACTIVITY

Chemical Stability: stable under normal conditions  
Incompatibility: none known  
Hazardous Decomposition: none known  
Hazardous Polymerisation: none known

### 9. FIRE FIGHTING MEASURES

Flash Point, Flammability: not applicable  
Autoignition Temperature: not applicable  
Fire Fighting Procedures: Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### 4. HANDLING & STORAGE

Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place. Store at 2—8°C (35-46°F).

### 10. TOXICOLOGICAL INFORMATION

General: not a hazardous material  
Ecological Toxicity: Persistence, degradability, bioaccumulative potential and ecotoxicity not determined.

### 5. ACCIDENTAL RELEASE MEASURES

Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container. If damp, flush with water.

### 11. DISPOSAL CONSIDERATIONS

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

### 6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: No specific protective measures necessary.  
Protective Clothing: Gloves recommended to prevent prolonged skin contact. Safety glasses, goggles, or face shield recommended for eye protection.  
Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

### 12. TRANSPORT INFORMATION

General: not classified as dangerous material  
DOT Shipping Name / Hazard Class: not applicable  
ADR/ R I C Code / Hazard Class: not applicable  
Sea Transport IMDG Code / Hazard Class: not applicable  
Air Transport IATA Code / Hazard Class: not applicable

### 7. HAZARDS IDENTIFICATION

General: Used as a cosmetic ingredient it is not a hazardous material. The data available do neither support any environmental hazard nor any adverse human health hazard.

### 13. DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

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