



# *SAFETY DATA SHEET*

**Product Name:** Transglutaminase

**Revision Date:** 2017-06-26

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## Transglutaminase

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### SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Transglutaminase

### SECTION2 HAZARDS IDENTIFICATION

**Hazards Identification:**

According to GHS

Physical hazards: Not classified

Health hazards: Not classified

Environmental hazards: Not classified

**Emergency Overview:**

To the best of our knowledge, information and data, we couldn't know the health and environmental hazards.

### SECTION3 INFORMATION ON INGREDIENTS

Product name: Transglutaminase

Ingredient	Concentration	CAS No.	EC No.
Transglutaminase	≥1%	80146-85-6	/
Maltodextrin	≤99%	9050-36-6	232-940-4

### SECTION4 FIRST-AID MEASURES

**Skin Exposure:**

In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

**Eye Exposure:**

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

**Inhalation Exposure:**

If inhaled, remove to fresh air. If necessary, get medical attention.

**Oral Exposure:**

If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

### SECTION 5 FIRE FIGHTING MEASURES

**Extinguishing Media:**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Firefighting:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Procedure of Personal Precaution:**

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid breathing dust. Entry to noninvolved personnel should be controlled around the leakage area by roping off, etc.

**Methods for Cleaning up:**

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**Environmental precautions:**

Do not let product enter drains.

### SECTION 7 HANDLING AND STORAGE

**Handling:**

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid formation of dust. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents. Wash hands and face thoroughly after handling. No smoking at working site.

**Storage:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents.

### SECTION 8 EXPOSURE CONTROL/PPE

**Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

**Personal Protective Equipment:**

Respiratory: Wear government approved respirator if needed.

Eye: Wear safety glasses if needed.

Clothing: Wear appropriate protective clothing.

Hand: Compatible protective gloves.



Magical Ingredients for the Modern Cook

**modernist  
pantry**

**Other Protect:**

No smoking, drinking and eating at working site. Wash thoroughly after handling.

**SECTION9 PHYSICAL/CHEMICAL PROPERTIES**

**Appearance:** White powder  
**Odor:** Weak odor  
**Melting Point/°C:** >280°C decomposition  
**pH Value:** 7.4-7.5  
**Solubility:** Weak soluble in water

**SECTION10 STABILITY AND REACTIVITY**

**Stability:**

Stable under normal temperatures and pressures.

**Materials to Avoid:**

Strong oxidizing agents.

**Hazardous Polymerization:**

Will not occur.

**Hazardous Decomposition Products:**

Carbon oxides.

**SECTION11 TOXICOLOGICAL INFORMATION**

**Acute toxicity:**

No data available.

**Skin corrosion/irritation:**

No data available.

**Serious eye damage/irritation:**

No data available.

**SECTION12 ECOLOGICAL INFORMATION**

**Toxicity:**

No data available.

**Persistence and degradability:**

No data available.

**Bioaccumulative potential:**

No data available.

**Mobility in soil:**

No data available.

**SECTION13 DISPOSAL CONSIDERATION**

**Appropriate Method of Disposal of Substance:**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

**SECTION14 TRANSPORT INFORMATION**

**RID/ADR:** Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.



IATA: Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO: Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

### SECTION15 REGULATORY INFORMATION

Regulation (EC) No.1272/2008 and its amendments:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### SECTION16 OTHER INFORMATION

Date:

2017-06-26

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#### Other Information:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.

