



## Material Safety Data Sheet

### Product Identification

**Product Name:** T-GEN™ Biodegradable Nitrile Powder-Free Gloves  
**Product Cat #s:** 44-106XS, 44-106S, 44-106M, 44-106L, 44-106XL

### Physical Data

**Color:** Mint Green  
**Appearance:** Ambidextrous, textured fingertips  
**Thickness:** Glove: 3.0mil  
Palm: 0.07mm  
Finger: 0.10mm  
**Length:** 24.5cm (9.6in)  
**Odor** Odorless  
**pH** 7.35

### Hazards Identification

**Health Hazards** Not hazardous  
**Physical Hazards** Eyes: Not hazardous  
Inhalation: Not hazardous  
Skin: Persons known or suspected to be sensitive to Nitrile or components used in the manufacturing process should not be exposed to these gloves.

### Product Composition

Nitrile, Crosslinker, Zinc Oxide, Titanium Dioxide, Antiform, Anti-oxidizing Agent, Wax, Stabilizer and Green Pigment

### First Aid Measures

**Eyes:** Not applicable  
**Inhalation:** Not applicable  
**Skin:** Wash with soap and water  
**Ingestion:** Seek medical attention immediately if a significant quantity is swallowed.

## Fire Hazard Measures

These gloves may burn. They have not been subjected to a flammable performance test. Do not use for protection from cryogenic agents. Should the glove become contaminated, replace it immediately.

**Extinguishing Media:** Water, Carbon Dioxide, Foam

## Accidental Release Measures

Retain for recycle or disposal.

## Handling and Storage

- Store in a dry, well ventilated area
- Shield open box from direct sunlight, fluorescent lighting and x-rays
- Improper storage will decrease the usable life of these gloves

## Expose Controls and Personal Protection

**Engineering Control:** Use local exhaust in confined spaces where biodegradable nitrile gloves are heated.

**Personal Protective Equipment:**

Eyes: Not required. Use goggles if biodegradable nitrile gloves are heated.

Inhalation: Not required.

Skin: Not required. Use heat resistant gloves if biodegradable nitrile gloves are heated to a melting state.

## Stability and Reactivity

**Chemical Stability:** Stable.

**Conditions to Avoid:** Avoid contact with excessive heat, sparks or open flame. Avoid dust accumulation.

**Hazardous Products:** Toxic off-gases may be formed when biodegradable nitrile gloves burn and cause respiratory irritation.

**Shelf Life:** 3 years.

### Toxicological Information

**Acute Effects:** Non-toxic.

**Sub-chronic and Chronic Effects:** Non-toxic.

### Ecological Information

**Product of Biodegradation** Biodegradable.

**Ecotoxicity:** Biodegradable nitrile gloves are considered as inert.

### Disposal Recommended Methods

**Incineration:** Put appropriate amount of the gloves into the incinerator or furnace to destroy them following the requirements shown below.

Requirements:

- 1) Burning temperature exceeds 850°C
- 2) Combustion retention time is not less than 2 seconds

Note: Gloves should not be destroyed by open burning at low temperature or dispose at normal disposal area.

**Other:** Check with state and local authorities before discarding. The information offered here is for product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the proper disposal method.

### Transportation Information

Not listed as hazardous material.

### Other Information

Manufactured and conforms to the following quality standards:

- ASTM D6319
- EN455
- ASTM D5511
- EN 16523