

Safety Data Sheet

Nitrile Gloves Double-Tough



1. Identification of the substance / Preparation and Company Information

Product name:	Nitrile Gloves Double Tough
Article no.:	104XXX
Chemical family:	Nitrile Butadiene Rubber (NBR)
Chemical name:	None
Purpose:	General protection of hands against germs and bacteria as well as prevention of contamination. For use where a Heavy-Duty glove is required.
Name of supplier:	Eagle Protect
Address of supplier:	EPIC, Unit 7a 100 Manchester St Christchurch Central 8011 New Zealand
Telephone:	0800 633 468
E-mail:	info@eagleprotect.co.nz
Website:	www.eagleprotect.co.nz
Emergency telephone:	In the case of an emergency please call 111.

2. Hazards Identification

General Information:	Nitrile Gloves are non-hazardous.
Emergency Overview:	Non-hazardous, solid film, clear or colored.
Potential Health Effects:	
Routes of Exposure:	Skin contact
Signs and symptoms	No adverse health effects are anticipated from the reasonable use of nitrile disposable gloves
Eyes:	Non-hazardous.
Inhalation:	Non-hazardous.
Skin:	Not a Primary Skin Irritant. Not a Dermal Sensitizer.
Ingestion:	This product has not been tested.
Classification of the substance according to Directive 67/548/EEC or Directive 1999/45/EC:	
Labelling according to EU guidelines:	N/A
LAT/IATA/ICAO Hazard Rating :	N/A
D.O.T Rating :	N/A
Risk phrases:	N/A
Safety phrases:	N/A

3. Composition/Information on ingredients

Chemical name	Range	CAS Number
NBR (Nitrile Butadiene Rubber)	91.72%	9010-81-5

Sulphur	0.91%	7704-34-9
Zinc carbonate	2.50%	3486-35-9
Titanium Oxide	1.83%	13463-67-7
ZDBC (Zinc Dibutyl Dithiocarbamate)	0.70%	136-23-2
Vultamol	-	0984-06-4
PU (Polymer Coating)	2.32%	9017-09-8
Pigment	0.02%	

4. First Aid Measures

General information:	If user experiences any discomfort, discontinue use and consult a physician.
After inhalation:	N/A
After skin contact:	If irritation or discomfort occurs, discontinue use, wash hands with soap and water and consult a physician.
After eye contact:	N/A
After swallowing:	Seek medical attention if a significant quantity has been ingested.

5. Firefighting Measures

Extinguishing Media:	Water spray, carbon dioxide, foam or dry chemical.
Special hazards arising from the substance:	Non-classified. Gloves will burn but do not easily ignite.
Protective equipment:	Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

6. Accidental Release Measures

Personal precautions:	N/A
Environmental precautions:	N/A
Methods and material for containment and cleaning up:	Retain for recycling and disposal.

7. Handling and Storage

Precautions for safe handling:	Single use non-sterile gloves. Not for sterilizing by user. Not for use in sterile/clean room. Exercise caution when handling items above ambient temperature.
Fire and explosion protection:	N/A
Requirements to be met by storerooms and receptacles:	Nitrile disposable gloves shall maintain their properties when stored in dry conditions at temperatures between 10° and 32.3°C. Protect gloves against ultraviolet light sources such as sunlight and oxidizing agents.
Information about storage in one common storage facility:	N/A
Further information about storage conditions:	Shelf life: 5 years

8. Exposure controls/personal protection

Additional information about design of technical facilities:	N/A
Ingredients with limit values that require monitoring at the workplace:	N/A
Personal protective equipment:	Eyes: Use goggles if nitrile disposable gloves are heated. Inhalation: Not required.
General protective and hygienic measures:	Use local exhaust in confined spaces where nitrile disposable gloves are heated.
Respiratory protection:	N/A
Protection of hands:	If irritation occurs discontinue use and consult a physician. Use heat resistant gloves if nitrile disposable gloves are heated to melting state.

9. Physical and Chemical Properties

Appearance:	Single use ambidextrous Nitrile gloves, 8mil thickness, 300mm beaded cuff, non-sterile, texturised surface, sizes S-XXXL.
Form:	Solid
Colour:	Blue
Odour:	N/A
pH Value:	7.35
Melting point:	180°C
Boiling point:	N/A
Flash point:	N/A
Flammability (solid, gaseous)	N/A
Ignition temperature:	N/A
Self-igniting:	N/A
Danger of explosion:	N/A
Explosion limits:	N/A
Vapour pressure at 20°C	N/A
Density:	N/A
Breaking Point:	N/A
Elongation Raths (min %):	Unaged: 500% Aged: 400%
Tensile Strength (Min MPA):	Unaged: 14 Aged: 14
Solubility in water:	N/A
Segregation coefficient (n-octanol /water):	N/A
Viscosity	N/A
Dynamic:	N/A
Kinematic:	N/A
Solvent content:	N/A
Solids content:	N/A

10. Stability and Reactivity

Chemical Stability	Nitrile disposable gloves are stable. Shelf life is 5 years from date of manufacture.
Thermal decomposition/conditions to be avoided:	Avoid contact with excessive heat, sparks or open flame. Avoid dust accumulation.

Incompatibility/Materials:	N/A
Hazardous Polymerisation:	N/A
Hazardous Decomposition Products:	Variety of toxic off-gases may be formed when nitrile disposable gloves burn, and may further cause respiratory irritation.

11. Toxicological Information

Acute toxicity:	Non-toxic
Primary irritant effect	
On the skin:	Non-toxic.
On the eyes:	
Sensitization:	N/A
Additional toxicological information:	N/A

12. Ecological Information

Aquatic toxicity:	N/A
Persistence and degradability:	Non-biodegradable.
Behavior in environmental systems:	N/A
Bio accumulative potential:	N/A
Ecotoxic effects:	Nitrile gloves are considered as inert.

13. Disposal Considerations

General Methods:	Dispose of according to local government regulations.
Disposal Methods:	Main ingredient is non-biodegradable synthetic polymer. If disposed of by incineration, temperature must be higher than 850°C / 1562°F, combustion time is not less than 2 seconds. Note: Gloves should not be destroyed by open burning at low temperature.
Disposal of Packaging:	Dispose of according to local government regulations.

14. Transport Information

General:	Non-dangerous goods.
UN Number:	N/A
Transport hazard class:	N/A
Packing group:	N/A
Environmental hazards:	N/A
Special precautions for user:	N/A

15. Regulatory Information

Labelling:	N/A
Hazard designation of product:	N/A
Transport hazard class:	N/A
Hazard components of labelling:	N/A
Risk phrases:	N/A
Safety phrases:	In the event of skin irritation or rash, discontinue use. Avoid contact with eyes.
Special labelling:	N/A

16. Other Information

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DISCLAIMER

This information is based on presently available data and knowledge. It describes the product related to the appropriate safety precautions.

The information contained in this SDS has been compiled from reliable sources and is believed to be correct as of the date issued. It is the responsibility of the user to determine the appropriateness and applicability to their situation. Eagle Protect disclaims any expressed or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental, or consequential damages from use or reliance on the above information.

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