

SAFETY DATA SHEET

Product Details

Product Name : Powder Free Blue Nitrile Examination Gloves
Re-order Code : NTB 509
Product Use : A patient examination glove is a disposable device intended for medical purpose that is worn on the examiner's hand or finger to prevent contamination between patient and examiner.
The version issued : February 5, 2025 and valid for 3 years

Company Information

Company Name :

Telephone Number :

Fax Number :

Ingredients Information

List of Chemical	%	CAS No.
Carboxylated Butadiene Acrylonitrile	79.74%	9003-18-3
Sulphur	0.55%	7704-34-9
Zinc Dibutyl Dithiocarbamate (ZDEC)	0.29%	14324-55-1
Zinc Oxide Active	0.80%	1314-13-2
Blue Pigment	0.83%	1333-86-4
IONOL LC	0.28%	68610-51-5
Titanium Dioxide	1.04%	13463-67-7
Potassium Hydroxide (K.O.H)	1.24%	1310-58-3
Calcium Nitrate	14.96%	13477-34-4

Hazard Identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

First-aid Measure

Description of necessary first-aid measures

General advice Users are advised against touching sensitive skin areas such as the eye, nose, lips and mouth after donning to minimize skin irritations on certain individuals. Because of its protective function, the product is unventilated except at the cuff. Users should replace the product frequently, wash and clean their hands prior to donning the product again to reduce skin fatigue and roughening on the areas in frequent contact with the product.

If inhaled n/a n/a

In case of skin contact Wash off with soap and plenty of water.

In case of eye contact Flush eyes with water as a precaution.

If swallowed n/a

Personal protective equipment for first-aid responders
none

Most important symptoms/effects, acute and delayed

Irritant contact dermatitis may result from prolonged contact with the product, the causative agents being residual surfactants, certain processing chemicals and inadequate post production processing. There are no evidence of any adverse effects from available information of sulphur, zinc oxide, and titanium dioxide. However, presence of residual ZDEC and anti-oxidants on the product surface may cause delayed type IV hypersensitivity e.g. allergic contact dermatitis and chemical allergy. Reactions include itching, burning sensations, blistering, reddening and pain. In chronic cases, users may develop dry and thickened skin, cracks, peeling and crusting.

Indication of immediate medical attention and special treatment needed, if necessary

If allergic reaction occurs, discontinue use immediately and consult a physician.

Fire-fighting Measures

Suitable extinguishing media

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

Specific hazards arising from the chemical

No fire or explosion hazards are associated with these products. They will melt at elevated temperatures.

Special protective actions for fire-fighters

Use standard procedure for combustion material fires, including approved self-contained breathing apparatus.

Further information

No data available.

Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

These products are solid articles and are not subject to leak or spill.

Environmental precautions

n/a

Methods and materials for containment and cleaning up

n/a

Handling and storage

Precautions for safe handling

Do not store gloves where temperatures may rise above 40°C / 140°F. Store them in a cool place. Open boxes of glove should be shielded from exposure to direct sun or florescent lighting to prevent discoloration. Nitrile gloves should not be stored in damp or high humidity areas.

Conditions for safe storage, including any incompatibilities

n/a

Specific end use(s)

n/a

Exposure controls/personal protection

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Not necessary under conditions of intended use.

Skin protection

Not necessary under conditions of intended use.

Body protection

Not necessary under conditions of intended use.

Respiratory protection

Not necessary under conditions of intended use.

Thermal hazards

n/a

Environmental exposure controls

n/a

Stability and reactivity

Reactivity

Stable

Chemical stability

Stable

Possibility of hazardous reactions

n/a

Conditions to avoid

n/a

Incompatible materials

Gloves can be contaminated if they come in contact with copper content material.

Hazardous decomposition products

In a fire, these products may produce a black smoke.

Toxicological information

Information on toxicological effects

Acute toxicity

The program did not find any acute toxicity classifications for components present above relevant thresholds in the product.

Skin corrosion/irritation

Could not estimate (did not meet thresholds).

Serious eye damage/irritation

None could be determined.

Respiratory or skin sensitization

No components included this classification.

Reproductive toxicity

No components included this classification.

Ecological information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects

No data available.

Disposal considerations

Disposal of the product

Refer to applicable local, state, and federal regulations.

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

n/a

Sewage disposal

n/a

Other disposal recommendations

n/a

Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Other information

Conformity

- FDA 1000ml Watertight Test
- EN 455 (1 & 2)
- ASTM D3578-95
- ASTM D3577-91
- Primary Skin Irritation (ASTM F719-81, re-approved 1992)
- Dermal Sensitization Study (ASTM F201-81, re-approved 1986 Standard Practice for Testing Guinea Pig for Contact Allergens/aka/Guinea Pig Maximization Test)

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