

MATERIAL SAFETY DATA SHEET

1 Identification

- **Product identifier**
- **Trade name:** Nitrile Disposable Powder Free Glove
- **Relevant identified uses of the substance or mixture :** Advised caution usage while handling Hazardous Chemicals.
- **Application of the substance / the mixture:** Disposable glove
- **Details of the supplier of the safety data sheet**

2 Hazard(s) identification

No significant or potential hazardous ingredient present in free state in finished glove.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC :- N/A**
This product contains Nitrile rubber which may cause allergic reactions in rare cases.

Other components used in making gloves also may cause rare cases allergic reaction in some individuals.

- **Information concerning particular hazards for human and environment:**

No other relevant information available.

- **Classification system:**

None

- **Label elements**

- **Labeling according to EU guidelines as per customer specific artwork:**

User information provided on the private label as per instructions from customer.

- **Code letter and hazard designation of product:**

- **Hazard-determining components of labeling:**

No further relevant information available.

- **Risk phrases:**

Harmful if swallowed as can cause choking.

- **Safety phrases:**

If user or a patient is allergic to Nitrile rubber or experience any discomfort, discontinue use immediately and consult with a physician.

· **Classification system:**

- NFPA ratings (scale 0 - 4)



Health = 0

Fire = 1

Reactivity = 0

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- HMIS-ratings (scale 0 - 4)

HEALTH	0
FIRE	1
REACTIVITY	0

Health = 0

Fire = 1

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

- PBT: Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

There is no chemical present in Free State in the gloves and thus cannot induce any reactivity except some rare cases of skin irritation to some individuals from nitrile rubber. The below chemicals are though used in the manufacturing process

- **Description: Mixture of the substances listed below with nonhazardous additions.**

· **Dangerous components:**

No dangerous chemical used in manufacturing process as per the available MSDS from raw material suppliers.

PHYSICAL DATA – Composition

NBR	:	100
Ammonia	:	0.2-0.5
Terric 320	:	0.01-0.05
Zinc oxide	:	1.0-2.0
ZDEC	:	0.3-0.8
ZDBC	:	0.1-0.5
Sulphur	:	0.60-1.30
Titanium Dioxide	:	1.0-2.0 (Only for Blue)
Potassium hydroxide	:	0.5-0.8
Blue / Black Pigment	:	0.5-1.8

4 First-aid measures

· Description of first aid measures

· General information:

This product contains nitrile rubber which may cause allergic reactions in rare case. Other components used in making gloves also may cause allergic reaction in rare cases to some individuals. It is advised to remove the glove immediately.

· After inhalation: Void

· **After skin contact:** If user or a patient is allergic to nitrile rubber or experience any discomfort, discontinue use immediately and consult with a physician.

· **After eye contact:** No further relevant information available.

· **After swallowing:** No further relevant information available except can cause choking.

· Most important symptoms and effects, both acute and delayed

No further relevant information available.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

In case of any allergic reaction or skin discomfort the gloves to be taken off the hands..

7 Handling and storage

Store in original packing in a normal dry and well ventilated area, away from dust, sunlight, moisture, X-ray, and excessive heat above 50°C.

8 Exposure controls/personal protection

No special measures required.

9 Physical and chemical properties

Stability : Gloves are in solid state with PH value close to neutral and
And remain stable over a shelf life of 5 years.

Hazardous Polymerization : None

Condition To Avoid : Freezing and extreme heat.

Incompatibility : No information available.

Hazardous Decomposition : No information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** - No dangerous reactions known.
- **Conditions to avoid** - No further relevant information available.
- **Incompatible materials:** Hydrocarbon solvent and some type of oils.
- **Hazardous decomposition products:** Oxides of carbon, Nitrogen and Sulphur.

11 Toxicological information

No further relevant information available

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

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· **Persistence and degradability-** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential-** No further relevant information available.

· **Mobility in soil-** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

· Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number

· DOT, ADR, ADN, IMDG, IATA

Void

· UN proper shipping name

· DOT, ADR, ADN, IMDG, IATA

Void

· Transport hazard class(es)

· DOT, ADR, ADN, IMDG, IATA

· Class

Void

· Packing group

· DOT, ADR, IMDG, IATA

Void

· Environmental hazards:

· Marine pollutant:

No

· Special precautions for user

Refer Labeling.

· Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code

Not applicable.

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

· Sara

· Section 355 (extremely hazardous substances): Void

· Section 313 (Specific toxic chemical listings): Void

· TSCA (Toxic Substances Control Act): Void

· Proposition 65

· Chemicals known to cause cancer: Void

· Chemicals known to cause reproductive toxicity for females: Void

· Chemicals known to cause reproductive toxicity for males: Void

· Chemicals known to cause developmental toxicity: Void

· DSL/NDSL (Canada) Void

· Cancerogenity categories Void

· EPA (Environmental Protection Agency) Void

· Product related hazard informations: Void

· Hazard-determining components of labeling: Void

Not listed as hazardous.



Risk phrases:

Nitrile gloves may induce stray cases of skin irritation in some individuals.

· Safety phrases:

Remove if any sign of irritation felt.

· National regulations: Void

· Technical instructions (air): Void

· Water hazard class: Void

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee