

## SAFETY DATA SHEET

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 PRODUCT

**1.1.1 Product Name:** Disposable Vinyl Gloves, powder-free

**1.1.2 Product Description:** Company is mainly engaged in disposable PVC gloves production and sales, and using the PU and DOTP as the main raw material for production.

**1.1.3 Recommended Use:** Products are mainly used in health care, daily cleaning, home cleaning, electronics industry and other fields.

#### 1.2 COMPANY IDENTIFICATION

|   |              |   |
|---|--------------|---|
| 1 | Country      | CHINA   |
| 2 | Company Name | Blue sail Medical Co., Ltd  |
| 3 | Address      | No.21 Qingtian Rd., Qilu Chemical Industrial Park, Zibo, Shandong, China. |
| 4 | Post Code    | 255414  |
| 5 | Phone        | 86-533-7480106  |
| 6 | Fax          | 86-533-7486199  |

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### SECTION 2 HAZARDS IDENTIFICATION

This material is not hazardous according to regulatory guidelines.

#### 2.1 Other hazard information:

##### 2.1.1 HEALTH HAZARDS

N/A

##### 2.1.2 ENVIRONMENTAL HAZARDS

No significant hazards.

**NOTE:** This material should not be used for any other purpose than the intended use in Section 1 without expert advice.

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

This material is defined as a complex substance.

#### 3.1 Hazardous Substance(s) or Complex Substance(s) required for disclosure

| Name | CAS#      | Density* | GHS Hazard Codes |
|------|-----------|----------|------------------|
| PVC  | 9002-86-2 | 45%-50%  | N/A              |
| DOTP | 6422-86-2 | 35%-40%  | N/A              |

|                            |                                |           |     |
|----------------------------|--------------------------------|-----------|-----|
| viscosity reducer          | 64742-47-8                     | 10%-15%   | N/A |
| Ca-Zn                      | N/A                            | 0.5%-1.2% | N/A |
| Polyurethane Emulsion (PU) | 68400-67-9,9011-19-2,7699-41-4 | 0-4%      | N/A |

**Note:**

1. Cornstarch is used for powdered gloves, PU is used for powder-free gloves.
2. Pigment ( yellow or blue) is used for colored gloves, and no pigment if only clear gloves.

**SECTION 4 FIRST AID MEASURES**
**4.1 INHALATION**

N/A

**4.2 INGESTION**

First aid is normally not required. Seek medical attention if discomfort occurs.

**SECTION 5 FIRE FIGHTING MEASURES**
**5.1 EXTINGUISHING MEDIA**

**5.1.1 Appropriate Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**5.2 FIRE FIGHTING**

**5.2.1 Fire Fighting Instructions:** Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

**5.2.2 Hazardous Combustion Products:** Smoke, Fume, Incomplete combustion products, Oxides of carbon

**5.2.3 Flammability Properties**

Autoignition Temperature: 385°C ~ 430°C

**SECTION 6 ACCIDENTAL RELEASE MEASURES**
**6.1 PERSONAL PRECAUTIONS**

N/A

**6.2 SPILL AND LEAK PROCEDURES**

N/A

**6.3 ENVIRONMENTAL PRECAUTIONS**

N/A

**SECTION 7 HANDLING AND STORAGE**

**7.1 HANDLING & STORAGE:** Humidity control range cannot be more than 85% RH, temperature control in -5 °C to 43 °C

**7.2 OTHER PRECAUTIONS:** N/A

## **SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 RESPIRATORY PROTECTION:** N/A

**8.2 EYE PROTECTION:** N/A

**8.3 SKIN PROTECTION:** N/A

**8.4 ENGINEERING CONTROLS:** N/A

**8.5 OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N/A

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**pH:** N/A

**Boiling Point:** N/A

**Freezing Point:** NA

**Specific Gravity (H<sub>2</sub>O = 1):** N/A

**Vapor Pressure (mm Hg):** N/A

**Vapor Density (AIR = 1):** NA

**Evaporation Rate (Butyl Acetate = 1):**N/A

**Solubility in Water:** N/A

**Appearance and Odor:** N/A

## **SECTION 10 STABILITY AND REACTIVITY**

**10.1 STABILITY:** Material is stable under normal conditions.

**10.2 CONDITIONS TO AVOID:** Excessive heat. High energy sources of ignition.

**10.3 MATERIALS TO AVOID:** Strong oxidisers

**10.4 HAZARDOUS DECOMPOSITION PRODUCTS:** Material does not decompose at ambient temperatures.

**10.5 POSSIBILITY OF HAZARDOUS REACTIONS:** Hazardous polymerization will not occur.

## **SECTION 11 TOXICOLOGICAL INFORMATION**

**PRECAUTIONARY STATEMENTS:** N/A

**Potential Health Effects:** N/A



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**Inhalation:** N/A  
**Eye:** N/A  
**Skin:** N/A  
**Ingestion:** N/A  
**Target Organs:** N/A  
**Primary Routes of Exposure:** N/A  
**Potential Effects of Chronic Exposure:** N/A  
**Carcinogenicity:** N/A  
**Irritation/Sensitization:** N/A  
**Teratogenicity:** N/A  
**Mutagenicity:** N/A  
**Reproductive Toxicity:** N/A

## **SECTION 12 ECOLOGICAL INFORMATION**

Ecotoxicity: N/A  
Biodegradability: N/A  
Bioaccumulation: N/A  
Mobility: N/A  
Other Adverse Effects: N/A

## **SECTION 13 DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: N/A

## **SECTION 14 TRANSPORT INFORMATION**

Resource Conservation & Recovery Act (RCRA) Waste Number: N/A  
Basic Shipping Description: N/A  
IATA: N/A  
Proper Shipping Name: N/A  
Hazard Class: N/A  
Hazard Label: N/A  
Packing Group: N/A  
Packaging Instruction: N/A  
Special Provisions: N/A

U.S. Department of Transportation (DOT) Consumer Commodity, ORM-D N/A

## **SECTION 15 REGULATORY INFORMATION**

US Federal Regulations: N/A



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## SECTION 16 OTHER INFORMATION

N/D = Not determined, N/A = Not applicable

**16.1 FURTHER INFORMATION:** This MSDS has been prepared in accordance with: 29 CFR 1910.1200.

This MSDS and its version number as 20140901.R01 and is published on September 1, 2014.

**16.2 DISCLAIMER:** The information provided in this Material Data Safety Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. An MSDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. We reserve the right to update MSDS sheets from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

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