

# Hubei Gedian Humanwell Pharmaceutical Co., Ltd.

Address: Gedian Economic Development District, E-zhou 436070, Hubei, P. R. China

TEL: +86-711-3811610 FAX: +86-711-3811590

[Http://www.steroid-chem.com](http://www.steroid-chem.com), E-mail: [rfzthx@steroid-chem.com](mailto:rfzthx@steroid-chem.com)



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## Safety Data Sheet

### 1. Identification of the substance/preparation

**Name of product** Budesonide  
**Manufacturer** Hubei Gedian Humanwell Pharmaceutical Co., Ltd.  
Gedian Development Zone, E-Zhou 436070, Hubei, China  
**Advice** Sales Department  
Tel:+86-27-87596825 Fax:+86-27-87597383  
**Emergency phone** +86-139-7147-3092  
**TSCA:** TSCA 8(b) inventory: No products were found.  
**CI#:** Not available

### 2. Hazards identification

Classification of Substance or Mixture: Not a hazardous substance or mixture.  
**Signal Word:** None  
**Hazard Statement(s):** N/A  
**Pictogram(s):** N/A  
**Precautionary Statement(s):** N/A  
**Hazards Not Otherwise:** Classified No data available  
**Ingredient(s) with Unknown:** Toxicity No data available

### 3. Composition/information on ingredients

**Synonyms** (11-beta, 16-alpha)-16,17-(Buthlidenebis(oxy))-11,21-dihydroxypregna-1,4-diene-3,20-dione  
**Formula**  $C_{25}H_{34}O_6$   
**Molecular Weight** 430.54  
**CAS No.:** 51333-22-3  
**Composition:** 100%

### 4. First-aid measures

#### In case of Inhalation

Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

#### Serious Inhalation

Not available.

#### Skin Contact

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

#### Serious Skin Contact

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

#### Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

#### Ingestion

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not

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breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

## Serious Ingestion

Not available.

## Most Important Symptoms and Effects

Not available.

## 5. Fire-fighting measures

**Condition of flammability:** Not flammable or combustible.

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire fighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Hazardous combustion products:** Hazardous decomposition products formed under fire conditions— see Section 10

## 6. Accidental release measures

**Personal precautions:** Avoid dust formation. Avoid breathing vapors, mist, or gas.

**Environmental precautions:** Do not let product enter drains.

**Methods for cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

## 7. Handling and storage

### Precautions

Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing in case of insufficient ventilation, wear suitable respiratory equipment if ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

### Storage:

Keep container dry. Keep in a cool place (room temperature 10°C-30°C). Ground all equipment containing material. Carcinogenic, teratogenic or mutagenic materials should be stored in a separate locked safety storage cabinet or room.

## 8. Exposure controls/personal protection

Contains no substances with occupational exposure limit values.

### Personal protective equipment

#### Respiratory protection

Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134).

#### Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

#### Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Hygiene measures

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General industrial hygiene practice.

## 9. Physical and chemical properties

**Physical state and appearance:** White or almost white, crystalline powder.

**Odor:** Odorless.

**Taste:** Not available.

**pH (1% soln/water):** Not available.

**Boiling Point:** Not available.

**Melting Point:** 226.5°C (439.7°F)

**Critical Temperature:** Not available.

**Specific Gravity:** Not available.

**Vapor Pressure:** Not applicable.

**Vapor Density:** Not available.

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** See solubility in water.

**Solubility:** Soluble in hot water. Partially soluble in cold water.

## 10. Stability and reactivity

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Not available.

**Corrosivity:** Non-corrosive in presence of glass.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** No.

## 11. Toxicological information

**Routes of Entry:** Absorbed through skin. Eye contact. Inhalation. Ingestion.

**Toxicity to Animals:** Acute oral toxicity (LD<sub>50</sub>) : >3200 mg/kg [Rat].

**Acute Toxicity-Inhalation:** Not available.

**Acute Toxicity-Dermal:** Not available.

**Acute Toxicity-Eye:** Not available.

**Skin Corrosion/Irritation:** Not available.

**Serious Eye Damage/Irritation:** Not available.

**Respiratory or Skin sensitization:** Not available.

**Germ Cell Mutagenicity:** Not available.

**Carcinogenicity-IARC:** No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Carcinogenicity-ACGIH:** No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**Carcinogenicity-NTP:** No component of this product presents at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Carcinogenicity-OSHA:** No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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**Reproductive Toxicity:** Laboratory experiments have shown teratogenic effects. Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

**Specific Target Organ Toxicity-Single:** Not available.

**Specific Target Organ Toxicity-Repeated:** Not available.

**Aspiration Hazard:** Not available.

## 12. Ecological information

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

### Products of Biodegradation

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

### Toxicity of the Products of Biodegradation

The product itself and its products of degradation are not toxic.

**Special Remarks on the Products of Biodegradation:** Not available.

## 13. Disposal Considerations

**Waste Disposal:** ---

## 14. Transport information

**DOT (US):** Not dangerous goods.

**IMDG:** Not dangerous goods.

**IATA:** Not dangerous goods.

## 15. Other Regulatory information

### Federal and State Regulations

TSCA 8(b) inventory: Not listed.

## 16. Other information

Revision: 02 – Revision date: May.05.2017