

# GSD Good Hygiene Defense Wet Wipes

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Issue date: 05/27/2020

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Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product name : GSD Good Hygiene Defense Wet Wipes

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Good Hygiene Defense Wet Wipes

#### 1.3. Supplier

##### Importer

JoCo Sales & Marketing, Inc.  
12100 Blue Valley Pkwy,

Overland Park Kansas 66213

USA

Tel: +1 (913) 558 7559

E-mail: [info@jocosales.com](mailto:info@jocosales.com)

#### 1.4. Emergency telephone number

Emergency number : +1 (913) 558 7559

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

No labeling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name  | Product identifier   | %        |
|---|----------------------|----------|
| Water (Solvent)                                       | (CAS-No.) 7732-18-5  | 90 - 100 |
| 1,2,3-Propanetriol                                    | (CAS-No.) 56-81-5    | < 1      |
| 1,2-Propanediol                                       | (CAS-No.) 57-55-6    | < 1      |
| Aloe vera, extract                                    | (CAS-No.) 85507-69-3 | < 1      |
| Benzalkonium Chloride (Active ingredient)             | (CAS-No.) 8001-54-5  | 0.1      |
| Methanaminium, 1-carboxy-N,N,N-trimethyl-, inner salt | (CAS-No.) 107-43-7   | < 1      |
| Vitamin E   | (CAS-No.) 1406-18-4  | < 1      |
| Chlorphenesin   | (CAS-No.) 104-29-0   | < 1      |
| Pyridinium, 1-hexadecyl-, chloride                    | (CAS-No.) 123-03-5   | < 1      |
| Trisodium citrate                                     | (CAS-No.) 68-04-2    | < 1      |
| Citric acid   | (CAS-No.) 77-92-9    | < 1      |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- |                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.                           |
| First-aid measures after skin contact | : If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.  |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.                                     |

#### 4.2. Most important symptoms and effects (acute and delayed)

- |                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : Not a normal route of exposure. May cause irritation to the respiratory tract.  |
| Symptoms/effects after skin contact | : May cause slight skin irritation in sensitive individuals. Repeated exposure may cause skin dryness or cracking.                            |
| Symptoms/effects after eye contact  | : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. |
| Symptoms/effects after ingestion    | : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.   |

#### 4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

- |                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : Use extinguishing media appropriate for surrounding fire. |
| Unsuitable extinguishing media | : Do not use water jet.                                     |

#### 5.2. Specific hazards arising from the chemical

- |             |   |
|-------------|---|
| Fire hazard | : Products of combustion may include, and are not limited to: oxides of carbon. |
|-------------|---|

#### 5.3. Special protective equipment and precautions for fire-fighters

- |                                |  |
|--------------------------------|--|
| Firefighting instructions      | : Cool closed containers exposed to fire with water spray.   |
| Protection during firefighting | : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- |                  |  |
|------------------|--|
| General measures | : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. |
|------------------|--|

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

- |                         |   |
|-------------------------|---|
| For containment         | : Stop leak if safe to do so. Pick up large pieces, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). |
| Methods for cleaning up | : Sweep or shovel spills into appropriate container for disposal. Provide ventilation. Never return spills to original containers for re-use.   |

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- |                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Avoid contact with eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. |
| Hygiene measures              | : Wash contaminated clothing before reuse. Always wash hands after handling the product.   |

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### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store in original container. Do not reuse container. Store away from incompatible materials.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

|   |                                     |   |
|---|-------------------------------------|---|
| <b>Water (7732-18-5)</b>  |                                     |   |
| Not applicable  |                                     |   |
| <b>1,2,3-Propanetriol (56-81-5)</b>                                     |                                     |   |
| OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 15 mg/m <sup>3</sup> (mist, total particulate)<br>5 mg/m <sup>3</sup> (mist, respirable fraction) |
| <b>1,2-Propanediol (57-55-6)</b>  |                                     |   |
| AIHA  | WEEL TWA (mg/m <sup>3</sup> )       | 10 mg/m <sup>3</sup>  |
| <b>Benzalkonium Chloride (8001-54-5)</b>                                |                                     |   |
| Not applicable  |                                     |   |
| <b>Aloe vera, extract (85507-69-3)</b>                                  |                                     |   |
| Not applicable  |                                     |   |
| <b>Methanaminium, 1-carboxy-N,N,N-trimethyl-, inner salt (107-43-7)</b> |                                     |   |
| Not applicable  |                                     |   |
| <b>Pyridinium, 1-hexadecyl-, chloride (123-03-5)</b>                    |                                     |   |
| Not applicable  |                                     |   |
| <b>Chlorphenesin (104-29-0)</b>   |                                     |   |
| Not applicable  |                                     |   |
| <b>Vitamin E (1406-18-4)</b>  |                                     |   |
| Not applicable  |                                     |   |
| <b>Citric acid (77-92-9)</b>  |                                     |   |
| Not applicable  |                                     |   |
| <b>Trisodium citrate (68-04-2)</b>                                      |                                     |   |
| Not applicable  |                                     |   |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

None necessary under normal conditions of use.

#### Eye protection:

None necessary under normal conditions of use.

#### Skin and body protection:

None necessary under normal conditions of use.

#### Respiratory protection:

None necessary under normal conditions of use.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |                                |
|---|--------------------------------|
| Physical state                              | : Liquid                       |
| Appearance                                  | : Wipes saturated with liquid. |
| Color                                       | : White                        |
| Odor  | : Odorless                     |
| Odor threshold                              | : No data available            |
| pH  | : No data available            |
| Melting point                               | : No data available            |
| Freezing point                              | : No data available            |
| Boiling point                               | : No data available            |
| Flash point                                 | : No data available            |
| Relative evaporation rate (butyl acetate=1) | : No data available            |
| Flammability (solid, gas)                   | : Not flammable.               |
| Vapor pressure                              | : No data available            |
| Relative vapor density at 20 °C (68 °F)     | : No data available            |
| Relative density                            | : No data available            |
| Solubility                                  | : Insoluble.                   |
| Partition coefficient n-octanol/water       | : No data available            |
| Auto-ignition temperature                   | : No data available            |
| Decomposition temperature                   | : No data available            |
| Viscosity, kinematic                        | : No data available            |
| Viscosity, dynamic                          | : No data available            |
| Explosion limits                            | : No data available            |
| Explosive properties                        | : No data available            |
| Oxidizing properties                        | : No data available            |

#### 9.2. Other information

|             |         |
|-------------|---------|
| VOC content | : < 1 % |
|-------------|---------|

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Heat. Incompatible materials.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### Water (7732-18-5)

|               |            |
|---------------|------------|
| LD50 oral rat | > 90 ml/kg |
|---------------|------------|

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| <b>1,2,3-Propanetriol (56-81-5)</b>                  |  |
|--|--|
| LD50 oral rat  | 12600 mg/kg                                  |
| LD50 dermal rabbit                                   | > 10 g/kg                                    |
| LC50 inhalation rat                                  | > 570 mg/m <sup>3</sup> (Exposure time: 1 h) |
| ATE US (oral)  | 12600 mg/kg body weight                      |
| <b>1,2-Propanediol (57-55-6)</b>                     |  |
| LD50 oral rat  | 20 g/kg                                      |
| LD50 dermal rabbit                                   | 20800 mg/kg                                  |
| ATE US (oral)  | 20000 mg/kg body weight                      |
| ATE US (dermal)                                      | 20800 mg/kg body weight                      |
| <b>Benzalkonium Chloride (8001-54-5)</b>             |  |
| LD50 oral rat  | 240 mg/kg                                    |
| LD50 dermal rat                                      | 1420 mg/kg                                   |
| ATE US (oral)  | 240 mg/kg body weight                        |
| ATE US (dermal)                                      | 1420 mg/kg body weight                       |
| <b>Pyridinium, 1-hexadecyl-, chloride (123-03-5)</b> |  |
| LD50 oral rat  | 200 mg/kg                                    |
| LC50 inhalation rat                                  | 0.09 mg/l/4h                                 |
| <b>Citric acid (77-92-9)</b>                         |  |
| LD50 oral rat  | 3 g/kg                                       |
| LD50 dermal rat                                      | > 2000 mg/kg                                 |
| ATE US (oral)  | 3000 mg/kg body weight                       |

|                                     |   |
|-------------------------------------|---|
| Skin corrosion/irritation           | : Not classified  |
| Serious eye damage/irritation       | : Not classified  |
| Respiratory or skin sensitization   | : Not classified  |
| Germ cell mutagenicity              | : Not classified  |
| Carcinogenicity                     | : Not classified  |
| Reproductive toxicity               | : Not classified  |
| STOT-single exposure                | : Not classified  |
| STOT-repeated exposure              | : Not classified  |
| Aspiration hazard                   | : Not classified  |
| Viscosity, kinematic                | : No data available   |
| Symptoms/effects after inhalation   | : Not a normal route of exposure. May cause irritation to the respiratory tract.  |
| Symptoms/effects after skin contact | : May cause slight skin irritation in sensitive individuals. Repeated exposure may cause skin dryness or cracking.                            |
| Symptoms/effects after eye contact  | : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. |
| Symptoms/effects after ingestion    | : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.  |
| Other information                   | : Likely routes of exposure: ingestion, inhalation, skin and eye.   |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

| <b>1,2,3-Propanetriol (56-81-5)</b>      |   |
|--|---|
| LC50 fish 1                              | 51 – 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])      |
| <b>1,2-Propanediol (57-55-6)</b>         |   |
| LC50 fish 1                              | 51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])        |
| EC50 Daphnia 1                           | > 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])             |
| LC50 fish 2                              | 41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])      |
| <b>Benzalkonium Chloride (8001-54-5)</b> |   |
| LC50 fish 1                              | 0.223 – 0.46 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| LC50 fish 2                              | 0.823 – 1.61 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |

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| Citric acid (77-92-9)       |   |
|-----------------------------|---|
| LC50 fish 1                 | 1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)          |
| Trisodium citrate (68-04-2) |   |
| LC50 fish 1                 | 18000 – 32000 mg/l (Exposure time: 96 h - Species: Poecilia reticulata) |
| EC50 Daphnia 1              | 5600 – 10000 mg/l (Exposure time: 48 h - Species: Daphnia magna)        |

### 12.2. Persistence and degradability

| GSD Good Hygiene Defense Wet Wipes |                  |
|------------------------------------|------------------|
| Persistence and degradability      | Not established. |

### 12.3. Bioaccumulative potential

| GSD Good Hygiene Defense Wet Wipes    |                      |
|---------------------------------------|----------------------|
| Bioaccumulative potential             | Not established.     |
| 1,2,3-Propanetriol (56-81-5)          |                      |
| BCF fish 1                            | (no bioaccumulation) |
| Partition coefficient n-octanol/water | -1.76                |
| 1,2-Propanediol (57-55-6)             |                      |
| BCF fish 1                            | < 1                  |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : No other effects known.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Recycle empty containers where allowed. Smaller quantities can be disposed of with household waste.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not regulated

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

|                       |                   |
|-----------------------|-------------------|
| Benzalkonium Chloride | CAS-No. 8001-54-5 |
| Chlorphenesin         | CAS-No. 104-29-0  |

### 15.2. International regulations

No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

Issue date : 05/27/2020  
Revision date : 05/27/2020  
Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



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