

# Safety Data Sheet

Glo-Germ Gel

**CAROLINA**<sup>®</sup>  
www.carolina.com

## Section 1 Product Description

**Product Name:** Glo-Germ Gel  
**Recommended Use:** Science education applications  
**Synonyms:** None Known  
**Distributor:** Carolina Biological Supply Company  
2700 York Road, Burlington, NC 27215  
1-800-227-1150  
**Chemical Information:** 800-227-1150 (8am-5pm (ET) M-F)  
**Chemtrec:** 800-424-9300 (Transportation Spill Response 24 hours)

## Section 2 Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Classification:

**Other Safety Precautions:** Non-Hazardous under normal use.  
May cause irritation.  
May cause gastrointestinal discomfort.  
May cause irritation to respiratory tract.

**Acute Toxicity Oral Contains** 100 % of the mixture consists of ingredient(s) of unknown toxicity  
**Acute Toxicity Dermal Contains** 100 % of the mixture consists of ingredient(s) of unknown toxicity  
**Acute Toxicity Inhalation Gas Contains** 100 % of the mixture consists of ingredient(s) of unknown toxicity  
**Acute Toxicity Inhalation Vapor Contains** 100 % of the mixture consists of ingredient(s) of unknown toxicity  
**Acute Toxicity Inhalation Dust/Mist Contains** 100 % of the mixture consists of ingredient(s) of unknown toxicity

## Section 3 Composition / Information on Ingredients

| <u>Chemical Name</u>  | <u>CAS #</u> | <u>%</u> |
|---|--------------|----------|
| To the best of our knowledge, this product is non-hazardous and is not subject to the requirements of 29 CFR 1910.1200<br>Base - White Lotion | N/A          | 100      |

## Section 4 First Aid Measures

**Emergency and First Aid Procedures**

**Inhalation:** In case of accident by inhalation: remove casualty to fresh air and keep at rest.  
**Eyes:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**Skin Contact:** After contact with skin, wash immediately with plenty of water.  
**Ingestion:** If swallowed, rinse mouth with water (only if the person is conscious).

## Section 5 Firefighting Procedures

**Extinguishing Media:** Use media suitable to extinguish surrounding fire.  
**Fire Fighting Methods and Protection:** Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.  
**Fire and/or Explosion Hazards:** None Known  
**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide

## Section 6 Spill or Leak Procedures

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## Steps to Take in Case Material Is Released or Spilled:

Poses little or no immediate hazard Remove soiled clothing and launder before reuse. Surfaces may become slippery after spillage. No special spill clean-up considerations. Collect and discard in regular trash.

## Section 7 Handling and Storage

**Handling:** Avoid creating and inhaling spray or mist.  
**Storage:** Suitable for any general chemical storage.  
**Storage Code:** Green - general chemical storage

## Section 8 Protection Information

| <u>Chemical Name</u> | <u>(TWA)</u> | <u>ACGIH</u> | <u>(STEL)</u> | <u>(TWA)</u> | <u>OSHA PEL</u> | <u>(STEL)</u> |
|----------------------|--------------|--------------|---------------|--------------|-----------------|---------------|
| No data available    | N/A          |              | N/A           | N/A          |                 | N/A           |

### Control Parameters

**Engineering Measures:** No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.

**Personal Protective Equipment (PPE):** Not Normally Required

**Respiratory Protection:** No respiratory protection required under normal conditions of use.

**Eye Protection:** No special requirements under normal industrial use.

**Skin Protection:** Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:** Not Normally Required

## Section 9 Physical Data

|   |   |
|---|---|
| <b>Formula:</b> See Section 3                       | <b>Vapor Pressure:</b> N/A                          |
| <b>Molecular Weight:</b> N/A                        | <b>Evaporation Rate (BuAc=1):</b> N/A               |
| <b>Appearance:</b> odorless, pale to light tan gel. | <b>Vapor Density (Air=1):</b> N/A                   |
| <b>Odor:</b> No data available                      | <b>Specific Gravity:</b> N/A                        |
| <b>Odor Threshold:</b> No data available            | <b>Solubility in Water:</b> Soluble                 |
| <b>pH:</b> No data available                        | <b>Log Pow (calculated):</b> No data available      |
| <b>Melting Point:</b> No data available             | <b>Autoignition Temperature:</b> No data available  |
| <b>Boiling Point:</b> No data available             | <b>Decomposition Temperature:</b> No data available |
| <b>Flash Point:</b> No data available               | <b>Viscosity:</b> No data available                 |
| <b>Flammable Limits in Air:</b> N/A                 | <b>Percent Volatile by Volume:</b> N/A              |

## Section 10 Reactivity Data

**Reactivity:** No data available

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** None known.

**Incompatible Materials:** Oxidizing materials

**Hazardous Polymerization:** Will not occur

## Section 11 Toxicity Data

**Routes of Entry:** Inhalation and skin contact.

**Symptoms (Acute):** Respiratory disorders

**Delayed Effects:** No data available

### Acute Toxicity:

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Inhalation LC50</u> |
|----------------------|-------------------|------------------|--------------------|------------------------|
| No data available    | N/A               | Not determined   | Not determined     | Not determined         |

### Carcinogenicity:

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>IARC</u> | <u>NTP</u> | <u>OSHA</u> |
|----------------------|-------------------|-------------|------------|-------------|
| No data available    | N/A               | Not listed  | Not listed | Not listed  |

### Chronic Effects:

**Mutagenicity:** No evidence of a mutagenic effect.

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**Teratogenicity:** No evidence of a teratogenic effect (birth defect).  
**Sensitization:** No evidence of a sensitization effect.  
**Reproductive:** No evidence of negative reproductive effects.  
**Target Organ Effects:**  
**Acute:** See Section 2  
**Chronic:** Not listed as a carcinogen by IARC, NTP or OSHA.

## Section 12

## Ecological Data

**Overview:** This material is not expected to be harmful to the ecology.  
**Mobility:** No data  
**Persistence:** No data  
**Bioaccumulation:** No data  
**Degradability:** No data  
**Other Adverse Effects:** No data

| Chemical Name | CAS Number | Eco Toxicity |
|---------------|------------|--------------|
| N/A           | N/A        |              |

## Section 13

## Disposal Information

**Disposal Methods:** Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.  
**Waste Disposal Code(s):** Not Determined

## Section 14

## Transport Information

| Ground - DOT Proper Shipping Name: | Air - IATA Proper Shipping Name:         |
|------------------------------------|--|
| Not Regulated                      | Not regulated for air transport by IATA. |

## Section 15

## Regulatory Information

**TSCA Status:** A component (or components) of this product is not listed on the TSCA Inventory of Existing Chemical Substances. Product is for research and development use only.

| Chemical Name     | CAS Number | § 313 Name | § 304 RQ | CERCLA RQ | § 302 TPQ | CAA 112(2) TQ |
|-------------------|------------|------------|----------|-----------|-----------|---------------|
| No data available | N/A        | No         | No       | No        | No        | No            |

## Section 16

## Additional Information

**Revised:** 09/03/2014

**Replaces:** 08/27/2014

**Printed:** 04-21-2015

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

### Glossary

|        |   |      |   |
|--------|---|------|---|
| ACGIH  | American Conference of Governmental Industrial Hygienists             | NTP  | National Toxicology Program                   |
| CAS    | Chemical Abstract Service Number                                      | OSHA | Occupational Safety and Health Administration |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act | PEL  | Permissible Exposure Limit                    |
| DOT    | U.S. Department of Transportation                                     | ppm  | Parts per million                             |
| IARC   | International Agency for Research on Cancer                           | RCRA | Resource Conservation and Recovery Act        |
| N/A    | Not Available   | SARA | Superfund Amendments and Reauthorization Act  |
|        |   | TLV  | Threshold Limit Value                         |
|        |   | TSCA | Toxic Substances Control Act                  |
|        |   | IDLH | Immediately dangerous to life and health      |