

# SAFETY DATA SHEET



Revision Date: 03-May-2021

## 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Product name** Glo Germ Oil

### Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Training aid used to determine hand washing effectiveness, specifically to avoid transmission/spread of microbes. For external use only. See product label for specific use and instruction.

**Restrictions on Use** No information available

### Details of the supplier of the safety data sheet

**Supplier** Glo Germ Company  
1101 South Murphy Lane  
Moab, UT 84532  
800-842-6622 or 435-259-5931

**E-mail Address** info@glogerm.com

### Emergency telephone number

**Emergency telephone number** 1 435-259-5931 ex-USA  
1-800-842-6622 USA

## 2. Hazards identification

### Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910.1200**

### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

### Label elements

This product is not classified.

### Other Hazards Hazards not otherwise classified (HNOC)

Not Applicable

### Other information

Not Applicable

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/Information on Ingredients

#### Substance

#### Mixture

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
Glo Germ Orange Powder, White Mineral Oil (petroleum) CAS number 8042-47-5

The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First aid measures

#### Description of first-aid measures

<b>Eye contact</b>	Flush eyes with water immediately and continue to flush until discomfort is eased. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Contact a physician if irritation occurs.
<b>Skin contact</b>	Immediate medical attention is not required. Wash off with soap and water.
<b>Inhalation</b>	Immediate medical attention is not required. Move to fresh air. Contact a physician or specialist immediately if large quantities are inhaled.
<b>Ingestion</b>	Wash out mouth with water. Remove dentures if any. Small sips of water to drink. Stop if feeling of nausea occurs, do not induce vomiting. Contact a physician or specialist immediately if large quantities are ingested.

#### Most important symptoms and effects, both acute and delayed

**Symptoms** See Section 2, Label Elements and/or Section 11, Toxicological effects.

#### Indication of any immediate medical attention and special treatment needed

**Notes to physician** Treat symptomatically.

### 5. Fire-Fighting Measures

#### Extinguishing media

##### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Do not use water jet.

#### Special hazards arising from the substance or mixture

##### **Special Hazard**

In a fire or if heated, a pressure increase will occur.

**Hazardous thermal decomposition products:** Carbon dioxide, Carbon monoxide

#### Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

None

### Environmental precautions

Prevent spilled material from entering storm drains, other unauthorized drainage systems and natural waterways.

### Methods and materials for containment and cleaning up

**Methods for Containment**      None

**Methods for cleaning up**      Spilled material may be absorbed into an appropriate absorbent material. If spilled on clothes, wash with warm or cold water only and a pre-treatment. Hot water will melt the plastic particles, which will permanently adhere them to the cloth.

Immediate cleanup of any spill is recommended.

Spilled materials and empty containers must be disposed of in accordance with local, state, and federal regulations.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling**                      For external use only. Use only as directed. No special precautions necessary.

**Hygiene measures**                              Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions**                              Keep container(s) tightly closed. Use and store this material in cool, dry, well ventilated areas away from heat and sources of ignition. Store only in approved containers.

**Materials to Avoid**                              No materials to be especially mentioned.

## 8. Exposure controls/personal protection

### Exposure Guidelines

### Appropriate engineering controls

**Engineering Measures**                              Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection**                              Not required for normal use. While contact with this material is not expected to cause irritation, the use of approved eye protection to safeguard against potential eye contact is considered good practice.

**Skin and body protection**                              Not required for single use of short duration. For prolonged or repeated exposure, use impervious clothing over parts of the body subject to exposure.

**Respiratory protection**                              Not required for normal use. If use of material results in vapor or mist, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.

**Hygiene measures**

See section 7 for more information

**9. Physical and chemical properties****Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid. [Viscous liquid.]	<b>Color</b>	Translucent Orange
<b>Appearance</b>	Oil/Liquid	<b>Odor Threshold</b>	No information available
<b>Odor</b>	None.		

<u>Property</u>	<u>Values</u>	<u>Methods</u>	<u>Remarks</u>
<b>pH</b>			No information available
<b>Melting/freezing point</b>	-60 to -9°C(-76 to 15.8°F)		
<b>Boiling point/boiling range</b>	299.44 to 520°C(571° to 968°F)		
<b>Flash Point</b>	Closed cup: >112°C (233.6°F)		
<b>Evaporation rate</b>			No information available
<b>Flammability (solid, gas)</b>			No information available
<b>Flammability Limits in Air</b>			
<b>upper flammability limit</b>			No information available
<b>lower flammability limit</b>			No information available
<b>Vapor pressure</b>	0.011 kPa (0.08 mmHg)		[room temp]
<b>Vapor density</b>			No information available
<b>Specific Gravity</b>	0.85		
<b>Water solubility</b>			No information available
<b>Solubility in other solvents</b>	Insoluble in the following materials: cold water and hot water		
<b>Partition coefficient</b>	>6		
<b>Autoignition temperature</b>	325 to 355°C (617 to 671°F)		
<b>Decomposition temperature</b>			No information available
<b>Viscosity, kinematic</b>	Kinematic (40°C(104°F)): 0.12 cm <sup>2</sup> /s (12 cSt)		
<b>Viscosity, dynamic</b>			No information available
<b>Explosive properties</b>	None		
<b>Oxidizing Properties</b>			

**Other information**

**Volatile organic compounds (VOC) content** None

**10. Stability and Reactivity****Reactivity**

No dangerous reaction known under conditions of normal use

**Chemical stability**

Stable

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

None known

**Incompatible Materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. Toxicological information

### Acute toxicity

#### Numerical measures of toxicity: Product Information

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity

#### Numerical measures of toxicity: Component Information

### Information on toxicological effects

#### **Skin corrosion/irritation**

##### Product Information

- May cause irritation

##### Component Information

- No information available

#### **Serious eye damage/eye irritation**

##### Product Information

- May cause irritation

##### Component Information

- No information available

#### **Respiratory or skin sensitization**

##### Product Information

- No information available

##### Component Information

- No information available

#### **Germ cell mutagenicity**

##### Product Information

- No information available

##### Component Information

- No information available

#### **Carcinogenicity**

##### Product Information

• This product contains <0.1% free formaldehyde and may be capable of outgassing formaldehyde at levels in excess of OSHA's Action Level under some conditions of use. Formaldehyde is a known cancer hazard. Long term exposure may result in dermatitis or respiratory sensitization for sensitive individuals.

##### Component Information

- No information available

#### **Reproductive toxicity**

##### Product Information

- No information available

##### Component Information

- No information available

#### **STOT - single exposure**

No information available

#### **STOT - repeated exposure**

- No known effect

**Other adverse effects**Product Information

- No information available

Component Information

- No information available

**Aspiration hazard**Product Information

- No information available

Component Information

- No information available

## 12. Ecological information

**Toxicity****Ecotoxicity**

No information available

< 1 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects****Persistence and degradability**

No information available.

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available.

**Other adverse effects**

No information available

## 13. Disposal Considerations

**Waste treatment methods**

Dispose of in accordance with federal, state, and local regulations.

## 14. Transport Information

**DOT**

Not regulated

**MEX**

Not regulated

**IMDG**

Not regulated

**IATA**

Not regulated

## 15. Regulatory information

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies
<b>NZIoC</b>	Complies

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**Pesticide Information**

Not applicable

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
Formaldehyde - 50-00-0	Carcinogen

**16. Other information**

<b>NFPA</b>	<b>Health Hazard</b> -	<b>Flammability</b> -	<b>Instability</b> -	<b>Physical and chemical hazards</b> -
<b>HMIS</b>	<b>Health Hazard</b> 1	<b>Flammability</b> 1	<b>Physical Hazard</b> 0	<b>Personal protection</b> X

**Legend:**

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*Ceiling (C)*

*DOT (Department of Transportation)*

*EPA (Environmental Protection Agency)*

*IARC (International Agency for Research on Cancer)*

*International Air Transport Association (IATA)*

*International Maritime Dangerous Goods (IMDG)*

*NIOSH (National Institute for Occupational Safety and Health)*

*NTP (National Toxicology Program)*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*PEL (Permissible Exposure Limit)*

*Reportable Quantity (RQ)*

*Skin designation (S\*)*

*STEL (Short Term Exposure Limit)*

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*TLV® (Threshold Limit Value)*

*TWA (time-weighted average)*

**Prepared By** Glo Germ Company

**Revision Date** 03-May-2021

**Revision Note**

\*Glo Germ Powder is manufactured in a plant that uses Formaldehyde. In 10 years of random sample testing at independent labs, Formaldehyde has not been detected in Glo Germ particles. The original manufacturing method included using Formaldehyde for "curing" and the nature of the process ensures that any remaining Formaldehyde is offgassed.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**