

# MATERIALS SAFETY DATA SHEET

## GLO GERM POWDER

Glo Germ Company  
PO Box 537  
Moab, Utah 84532

Emergency & Information Telephone Numbers  
1-800-842-6622

**Introduction** The Glo Germ Powder is 100% synthetic Organic Colorant A-594-5 (Blaze Orange or Invisible Blue are the two available colors. The following information applies to both colors). The Glo Germ Powder is not diluted with any inert material. Therefore it is highly concentrated. The plastic particles are 5 microns and smaller. When the powder is 'puffed' or thrown into the air like dust, it is a lung irritant. The Glo Germ Company strongly recommends minimizing dust or powder in the air.

### Section I – Product Information

Product code: A-594-5  
Product class: Synthetic Organic Colorant  
Product CAS: Mixture

NFPA Ratings    H    F    R  
                          1    1    0

### Section II – Hazardous Ingredients

No hazardous ingredients known at this time

### Section III – Physical Data

Boiling range: none  
Evap. rate: non-volatile (Volatiles vol.% = 0, Wgt % = 0)  
Appearance: colorless powder  
V.O.C.: see section IX

Vapor density: non-volatile  
Liquid density: heavier than water  
Weight per gallon: 11.41 pounds

### Section IV – Fire and Explosion Hazard Data

Flammability Class: NA    Flash Point: None F    LEL: None    UEL: None  
Extinguishing media: Based on the NFPA guide for class A fires, use dry chemical, water or another suitable extinguishing agent. For large fires, use water spray or fog, thoroughly drenching the burning area.  
Special firefighting procedures: Clear area of personnel. Approach upwind. Wear self-contained breathing apparatus.  
Unusual fire and explosion hazards: improper handling may lead to dust cloud formation, which, as with any organic compound, is an explosion hazard.

### Section V – Health Effect Information

Eye contact: Minimal irritation upon contact.  
Skin contact: Minimal irritation upon contact.  
Inhalation: Similar to nuisance dust. Avoid inhaling.

### Section VI – Health Data

A review of available data does not identify any symptoms from exposure. This product contains less than 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 potential cancer hazard. Long-term exposure may result in dermatitis or respiratory sensitization for sensitive individuals. Respiratory allergies and diseases may be aggravated in extreme exposures over an extended period of time.

## Section VII – Emergency and First Aid

Eye contact: Flush with water for at least 15 minutes while holding eyelids open.  
Skin contact: Wash with soap and water. Implement good industrial hygiene.  
Inhalation: Remove victim to fresh air. Call a physician. Treat symptoms.  
Ingestion: Do not induce vomiting. Give victim plenty of water. Call a physician.

## Section VIII – Personal Health Protection

Eye protection: Glasses or goggles recommended.  
Skin protection: Required only for sensitive individuals.  
Respiratory protection: In the case that levels above OSHA's PEL are present, use a NIOSH approved respirator in conjunction with a cartridge approved for formaldehyde with dust filter.  
Ventilation: General ventilation for comfort conditioning is usually enough to maintain the dust within the nuisance limit of 5 mg/cu.m.

## Section IX – Reactivity Data

Stability: Stable  
Hazardous polymerization: Will not occur  
Incompatibility: Avoid contact with strong oxidizers (i.e., chlorine, peroxides, chromate, nitric acid, perchlorates, concentrated oxygen, permanganates) which can generate heat, fires, explosions, and the release of toxic fumes.  
Conditions to avoid: Excessive dust in the vicinity of electrical or other spark generating equipment should be avoided, as should extremely warm temperatures.  
Hazardous decomposition products: The fumes and smoke released contain oxides of carbon, sulfur, and nitrogen, which are highly toxic. Do not breath smoke or fumes. Wear suitable protective equipment.

## Section X – Spill or Leak Procedures

This product is not defined as a hazardous waste under EPA 40 CFR 261. Sweep up and dispose of substance as any dust or dirt should any be spilled or leak.

## Section XI – Regulatory Information

Federal: OSHA Hazard Communication Rule, 29 CFR 1910.1200: See Section II for hazardous ingredients as defined.

This product contains no ingredients covered by the Clean Water Act.

Product is not a regulated material under CERCLA/Superfund Amendments and Reauthorization Act (Title III) 40 CFR 117, 302. Notification of spills is not required.

This product does not contain an ozone depleting substance (ODS) nor was it manufactured with them.

State: This product does not contain ingredients listed on the Michigan Critical Materials List.

This product contains formaldehyde, which is known to the State of California to cause cancer.