

## Safety Data Sheet

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Product Name: Neon Green  
Product Type: Colorant  
INCI Name: Polyester-3 (98-99%), Pigment Green 7 (1-2%)

### ***Physical and Chemical Properties***

Appearance: Brightly colored fine powder  
Odor: Slight aldehyde odor  
Physical State: Solid  
PH: Not applicable  
Specific Gravity: 1.3  
Softening Point: 270-280° C  
Solubility in water: Insoluble  
Percent Volatile by Weight: Nil

### ***Hazards Identification***

Emergency Overview: Product is a brightly colored fine powder. It will burn if involved in a fire.

Potential Health Effects: Eye contact may irritate or scratch the surface of the eye. Moderate skin contact should not irritate but excessive or prolonged contact or rubbing may cause mechanical irritation. Excessive inhalation of dust may irritate the respiratory tract. Under some conditions of use and storage, air concentrations of formaldehyde reaching or exceeding 0.1 ppm may occur. Formaldehyde is a potential cancer hazard, highly irritating to the eyes, nasal passages, and throat, and may cause sensitization of the respiratory system.

Primary routes of entry: Skin/eye contact.

Carcinogenicity: This product is not considered a carcinogen by OSHA, NTP, or IARC. However, formaldehyde, a byproduct of this product, is a potential cancer hazard (OSHA), a suspected human carcinogen (ACGIH), a probable human carcinogen (IARC), and an experimental animal carcinogen (IARC, NTP). Formaldehyde is known to the P.R. China to cause cancer.

Medical conditions generally aggravated by exposure: By exposure to the product, none known. By exposure to formaldehyde, chronic diseases of the respiratory system, skin, and eyes.

### ***First Aid Measures***

Eyes: Flush with water for 15 minutes. If irritation develops, get immediate medical attention.

Skin: Wash with soap and water. If irritation develops, get medical attention.

Inhalation: Move to fresh air. If breathing is difficult, get immediate medical attention.

Ingestion: Do not induce vomiting. Get immediate medical attention.

### ***Fire-Fighting measures***

Flammability Classification: Nonflammable.

Flashpoint: None.

Flammable Limits in Air: Not applicable for product. For formaldehyde, LEL=7%, UEL=73%.

Extinguishing Media: Foam, CO<sub>2</sub>, dry chemical, water fog.

Unusual Fire and Explosion Hazards: May form an explosive dust cloud if the finely divided particles are suspended in air.

Special Firefighting Procedures: Use self-contained breathing apparatus to protect against potential harmful and/or irritating fumes.

### ***Accidental Release Measures***

Vacuum or sweep into a suitable container for reuse or appropriate disposal. Wear protective gloves, safety goggles, and a respirator if necessary. Avoid breathing dust and minimize dust generation and accumulation.

### ***Handling and Storage***

Handling: Ground and bond containers when transferring product to prevent dust explosion. Avoid dust generation. Use in accordance with good industrial workplace practices. Avoid unnecessary contact. Wash thoroughly after handling.

Storage: store in a dry area away from flames, sparks, static build up, and excessive heat.

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Other Precautions: Keep container closed when not in use to protect product quality. For industrial use, only.

### **Exposure Controls/Personal Protection**

Engineering Controls: Local exhaust ventilation.

Skin: Latex/Nitrile gloves if necessary to prevent excessive skin contact.

Respiratory: NIOSH approved formaldehyde vapor respirator if formaldehyde exposure limits may be exceeded.

Eyes: Wear goggles if necessary to prevent contact and mechanical irritation.

Other Protective Equipment: Eye wash and emergency showers should be available.

Exposure Guidelines:

Material O	SHA PEL	AGGIH TLV
Product	not established	not established
Particulates Not otherwise Regulated (PNOR)	15 mg/m <sup>3</sup>	not applicable
Particulates Not otherwise Classified (PNOC)	not applicable	10 mg/m <sup>3</sup>
Formaldehyde 0.	75 ppm 2 ppm STEL	0.3 ppm (ceiling)

### **Stability and Reactivity**

Chemical Stability: Stable, hazardous decomposition not expected.

Incompatibility with other materials: No specific incompatibility but, as with other organic materials, avoid contact with strong oxidizing agents.

Decomposition: If involved in a fire, thermal decomposition may produce toxic oxides of carbon, sulfur, and/or nitrogen.

Polymerization: Hazardous polymerization will not occur.

### **Toxicological Information**

#### TOXICITY

MATERIAL	ACUTE ORAL	PRIMARY SKIN	INHALATION
Product	>5000 mg/kg	Draize score = 0.4, (non - irritating)	not established
Formaldehyd	800mg/kg (LD50)	270 mg/kg (LD50)	474 ppm (4hr)

### **Ecological Information**

STATIC ACUTE AQUATIC TOXICITY:

Product, LC50 = not established;

Formaldehyde, LC50 (various fish species) 10-1000ppm

### **Disposal Conditions**

RCRA Status: This product, if discarded, is not regulated as a hazardous waste under 40 CFR 261.

Waste Disposal Method: Dispose of unused product and empty containers in accordance with all applicable Federal, state and local environmental regulations. Do not dump into sewers, on the ground, or in any body of water.

### **Transport Information**

This product is not regulated as a hazardous material by U.S.DOT.

Mad Oils, Inc.  
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### ***Regulatory Information***

#### U.S. FEDERAL REGULATIONS:

OSHA STATUS: This product is hazardous according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None. SECTION 311/312

#### HAZARD CATEGORIES:

Acute: Yes

Chronic: Yes

Fire: Yes

Sudden release of pressure: No

Reactive: No

SECTION 313 TOXIC CHEMICALS: No reportable components

CERCLA REPORTABLE QUALITIES: None.

TSC A INVENTORY STATUS: Reported/included

### ***Other Information***

#### HMIS RATING:

Health: 2

Flammability: 1

Reactivity: 0

Personal Protection: Supplied by user per use conditions.

### **-Disclaimer-**

This safety data sheet is based on the properties of the material known to Mad Oils, Inc. at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment, Mad Oils, Inc. holds no responsibility. This document is not intended for quality assurance purposes.