



# SAFETY DATA SHEET

Issuing Date: 05-May-2017

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Version 3

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product Identifier

**Product Name:** Mr. Cornwall's® Creative Colours- Ultramarine Blue

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

**Recommended use** Colorants (pigments and dyestuffs), inorganic  
**Uses advised against** Not applicable

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

**Manufacturer:** OCOOW LLC  
**Address:** 4700 Chaires Cross Rd  
Tallahassee, FL 32317  
**Phone Number:** (850) 695-2055  
For further information, please contact:  
**Contact Point** www.odiesoil.com  
**Email Address** info@odiesoil.com  
**24 Hr. Emergency Tel #** No information available

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

*In accordance with Regulation (EC) No 1272/2008*

Mr. Cornwall's® Creative Colours- Ultramarine Blue is not a hazardous material under current US Department of Labor definitions. The product contains no substances which, at its given concentration, are considered to be hazardous to health. However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product.

**Physical State:** Powder.

**Color:** Blue.

**Classification of The Substance or Mixture:** Not classified.

**Signal Word:** No signal word.

**Hazard Statements:** No known significant effects or critical hazards.

**Hazard Not Otherwise Classified (HNOC) Precautionary statements:** None known.

**Prevention:** Not applicable.

**Response:** Not applicable.

**Storage:** Not applicable.

**Disposal:** Not applicable.

**Supplemental label elements:** Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink.



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**CAS No.: 57455-37-5**                      FG75 Pigment Blue 29, CI 77007                      100%

**Substance/Mixture:** Substance

**Synonyms:** Blue sodium polysulfide aluminosilicate sodalite-type

### 4. FIRST AID MEASURES

#### **Description of first aid measures**

**Eye Contact:** Immediately flush eyes with plenty of water occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Skin Contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion:** Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### **Potential Acute Health Effects:**

**Eye Contact:** May cause mechanical irritation (abrasion).

**Inhalation:** No known significant effects or critical hazards.

**Skin Contact:** May cause mechanical irritation (abrasion).

**Ingestion:** No known significant effects or critical hazards

#### **Over-Exposure Signs/Symptoms:**

**Eye Contact:** No specific data.

**Inhalation:** No specific data.

**Skin Contact:** No specific data.

**Ingestion:** No specific data.

**Potential Chronic Health Effects:** No known significant effects or critical hazards.

**Notes to Physician:** Treat symptomatically. No specific treatment.

**Protection of First-Aiders:** No special measures required.

### 5. FIRE FIGHTING MEASURES

#### **Extinguishing media**

Suitable Extinguishing Media: Foam, water spray, dry chemical powder, carbon dioxide or sand.

Unsuitable Extinguishing Media: Do not use a heavy water stream

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

Thermal Decomposition, temperature above 400 degrees C, can lead to SO<sub>2</sub> gas release

#### **Advice for firefighters**

**Special Protective Equipment for Fire-Fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus.



## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** Provide adequate ventilation. Evacuate unnecessary personnel. Wear personal protection equipment (See section 8).

**Environmental Precautions:** Do not allow to enter into surface water or drains. Ensure waste is collected and contained.

### **Methods and material for containment and cleaning up**

On land, sweep or shovel into suitable containers for disposal or recovery. Minimize generation of dust.

## 7. HANDLING AND STORAGE

**Precautions for safe handling** Avoid breathing dust. Remove contaminated clothing and protective equipment before entering eating areas. Workers should wash hands and face before eating, drinking and smoking. Put on appropriate personal protection equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

**Technical Protective Measures:** Provide adequate ventilation to minimize dust concentration.

**Conditions for safe storage, including any incompatibilities** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Empty containers or liners may retain some product residues.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Occupational Exposure Limits:**

No specific limits have been established for FG75. As a guideline, OSHA and ACGIH have established the following limits which are generally recognized for inert or nuisance dusts.

**Exposure Limits:** ACGIH TLV:Inhalable: 10mg/m<sup>3</sup> (8H), OSHA PEL:Total dust: 15 mg/m<sup>3</sup> (8H), NIOSH REL: Not established; ACGIH TLV:Respirable: 3mg/m<sup>3</sup> (8H), OSHA PEL:Respirable: 5 mg/m<sup>3</sup> (8H), NIOSH REL: Not established;

### **Appropriate Engineering Controls:**

If needed use local exhaust ventilation to keep dust concentration below limits cited in this Section.

### **Personal Protection Equipment:**

**Respiratory Protection:** Dust mask required in dusty environments or exceeding total dust limits.

**Eye/Face Protection:** Wear appropriate chemical safety glasses/goggles.

**Hand /Skin Protection:** Wear appropriate protective gloves and clothing.

### **General Hygiene Considerations:**

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **Information on basic physical and chemical properties**

**Physical State:** Solid. (powder)

**Color:** Blue

**Odor:** Odorless

**PH:** 7 – 9 [ASTM D-1208-78]

**Boiling Point:** Not applicable

**Melting Point:** >1000°C

**Flash Point:** Not applicable



**Flammability (Solid, Gas):** Not flammable  
**Explosion Limits:** Not explosive.  
**Vapor Pressure:** Not applicable.  
**Density:** 2.35 g/cm<sup>3</sup> [ASTM D-153-84] (water=1)  
**Solubility in water:** Insoluble  
**Partition Coefficient: Noctanol/Water:** Not applicable.  
**Vapor Density:** Not applicable.  
**Viscosity:** 400°C  
**Auto-Ignition Temperature:** Not applicable.  
**Decomposition TEMPERATURE:** Not available.

## 10. STABILITY AND REACTIVITY

**Reactivity** No hazardous reaction known under normal conditions of use

**Chemical stability** Stable

**Possibility of hazardous reactions** Stable under normal conditions

**Conditions to Avoid:** At temperatures above 400 degrees C in the presence of air, Sulfur Dioxide (SO<sub>2</sub>) gas be released

**Incompatible materials** Strong acids and bases

**Hazardous decomposition products** At temperatures above 400 °C in the presence of air, Sulfur Dioxide (SO<sub>2</sub>) gas can be released. Hydrogen sulfide may be released in contact with acids. (Not resistant grades)

## 11. TOXICOLOGY INFORMATION

**Acute oral Toxicity:** LD50 oral, rat: > 10000 mg/kg

**Acute Toxicity:** Based on available data, the classification criteria are not met

**Chronic Toxicity:** Based on available data, the classification criteria are not met

**Irritation:** Non-irritant

**Sensitization:** Non-sensitizing

**Mutagenicity:** Non-mutagenic

**Carcinogenicity:** No human carcinogen

**Reproductive Toxicity:** No toxic for reproduction

**Aspiration Hazard:** Not applicable

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

Based on available data, the classification criteria are not met

LC50 (Fish 96 h) : > 32000 mg/L

### **Persistence and degradability**

Not applicable (Inorganic substance)

### **Bioaccumulative potential**

Not applicable

### **Mobility to soil**

Not applicable

**Results of PBT and vPvB Assessment:** The substance does not meet the criteria to be identified as PBT or vPvB



### 13. DISPOSAL CONSIDERATIONS

Dispose in a safe manner in accordance with local / state / Federal regulations. Avoid release to the environment. It is responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal method in compliance with applicable regulations.

### 14. TRANSPORT INFORMATION

|             |                                   |
|-------------|-----------------------------------|
| <b>DOT</b>  | Not regulated, not dangerous good |
| <b>IATA</b> | Not regulated, not dangerous good |
| <b>IMDG</b> | Not regulated, not dangerous good |

### 15. REGULATORY INFORMATION

#### US Federal Regulations:

**TSCA:** CAS # 57455-37-5 is listed on TSCA Inventory

#### SARA Title III Rules:

**Section 302 – Extremely Hazardous Substances:** None

**Section 304 – CERCLA Hazardous Substances:** None

#### Sections 311/312 – EPCRA (Hazard Classes):

*Immediate (Acute):* None

*Delayed (Chronic):* None

*Fire:* None

*Release of pressure:* None

*Reactivity:* None

**Section 313 – Toxic Chemical Release Inventory (TRI):** None

#### US State Regulations:

FG75 does not appear on the following state Right-To-Know Lists:

*California Proposition 65*

*Florida Hazardous Substances List*

*Massachusetts Substance List*

*Michigan Critical Materials Register*

*Minnesota Hazardous Substances List*

*New Jersey Hazardous Substance List*

*Pennsylvania Hazardous Substance List*

#### FDA:

FG75 is cleared in 21 CFR:

*Part 178 under §178.3297 (Colorants for polymers)*

*Part 177 under §177.2600 (Colorants in Rubber Articles intended for repeated Use)*

*Part 177 under §177.1210 (Closures with sealing gaskets for food containers)*

*Part 175 under §175.300 (Resinous and polymeric coatings)*

*Part 73 under §73.2725 (Color Additives approved for use in Cosmetics) (Externally applied cosmetics including eye area use)*

**Note:** Not all the grades of FG75 are recommended for cosmetic or food contact applications. Users are asked to contact our technical service for further information.

#### Canada:

DSL (*Canadian Environmental Protection Act, Domestic Substances List*): included



**European Union:**

EINECS (*European Inventory of Existing Commercial Chemical Substances*): 309-928-3

CLP (*Regulation (EC) No 1272/2008*): FG75 is not classified as hazardous substance

**16. OTHER INFORMATION**

This Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 (HCS-2012) and its adaptation of United Nations 'Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

**Issue Date:** 05-May-2017

**Revision Date:** 01-December-2020 – Reason: Contact information change

**Revision Date:** 11-October-2021 – Reason: Contact information change

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**Disclaimer and/or Comments**

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