



SAFETY DATA SHEET

Issuing Date: 05-May-2017

Revision Date: 11-October-2021

Version 3

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

Product Identifier

Product Name: Mr. Cornwall's® Creative Colours- Red (Iron Oxide Red Pigment)

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- Red 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: Red.

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.: 1309-37-1 EINECS No.: 215-168-2 Iron Oxide Red Pigment 96%

Chemical Characterization: Synthetic iron oxide $\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$, C. I. Pigment RED 101

Registration Number in REACH: 01-2119457614-35-0039

Substance/Mixture: Substance

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:

Long-term exposure to high concentrations of dust containing iron oxide can cause a benign condition termed "pulmonary siderosis." This condition is not associated with any physical impairment of lung function.

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: Use an extinguishing agent suitable for the surrounding fire. In case of fire, use water spray (fog), foam or dry chemical.

Unsuitable Extinguishing Media: No information available

Special hazards arising from the substance or mixture

No specific fire or explosion hazard

Hazardous Thermal Decomposition Products: No specific data

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.

Special Protective Equipment for Fire-Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.



6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Put on appropriate personal protective equipment.

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up Move containers from spill area. Approach release from upwind. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor.

Reference to Other Sections: See Section 1 for emergency contact information. See Section 13 for waste disposal. Prevent entry into sewers, water courses, basements or confined areas.

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.

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 exposure limit value known.

Appropriate Engineering Controls:

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal Protection:

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory Protection: Dust-protection mask.

Skin Protection: Wear suitable protective clothing and gloves. Suitable protective footwear.

Eye/Face Protection: If contact with product is possible, wear safety glasses with side shields.

Medical Surveillance: Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State: Solid. (powder)

Color: Red.

Odor: Odorless

Odor Threshold: Not available.



PH: 3-7

Boiling Point: Not available.

Melting Point: 1565 C (2849 F)

Flash Point: Not available.

Evaporation Rate: Not available.

Explosion Limits: Not available.

Vapor Pressure: Not available.

Density: 5.25 g/cm³ (20 C(68 F))

Specific Gravity (Relative Density): 4-5.

Bulk Density: 300 to 1000 kg/m³

Solubility: Insoluble in the following Materials: cold water

Partition Coefficient: Noctanol/Water: Not available.

Vapor Density: Not available. **Viscosity:** Not available.

Auto-Ignition Temperature: Not available.

Decomposition TEMPERATURE: Not available.

10. STABILITY AND REACTIVITY

Reactivity No specific test data related to reactivity available for this product or its ingredients.

Chemical stability Stable

Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: No specific data.

Incompatible materials No specific data

Hazardous decomposition products Unknown if any

11. TOXICOLOGY INFORMATION

Information on toxicological effects

Information on the likely routes of exposure: Dermal contact. Eye contact. Inhalation Ingestion.

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.

Symptoms Related To The Physical, Chemical And Toxicological Characteristics:

Eye Contact: No specific data.

Inhalation: No specific data.

Skin Contact: No specific data.

Ingestion: No specific data.

Potential Chronic Health Effects:

Short Term Exposure/Potential Immediate Effects: Not available.

Long Term Exposure:

Potential Delayed Effects: No specific data.

General: Long-term exposure to high concentration of dust containing iron oxide can cause a benign condition termed "pulmonary siderosis". This condition is not associated with any physical impairment if lung function.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental Effects: No known significant effects or critical hazards.

Fertility Effects: No known significant effects or critical hazards.

Information on Toxicological Effects:



Acute Toxicity:

Skin: Non-irritating

Eyes: Non-irritating

Reproductive toxicity

No information available

Mutagenic effects

Negative

Developmental toxicity

No information available

Teratogenicity

No information available

Target organ effects

No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

No known environmental hazard, however, an environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility to soil

No data available

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes: The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Waste disposal should be in accordance with existing federal state, provincial and or local environment controls laws.

RCRA Classification: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

SARA311/312:None

SARA title III Section 302 Extremely Hazardous Substances: None.

SARA Title III Section 313 Toxic Chemicals: None.

US EPA CERCLA Hazardous Substances (40 CFR 302): None.

State regulations: The following chemicals are specifically listed by individual states: other product specific health and safety data in other sections on the SDS may also be applicable for state requirement. For details on your regulator requirements you should contact the appropriate agency in your state.

Ingredient Name: Iron (III) Oxide



CAS Number: 1309-37-1

State Code: MA-S, NJ-HS, PA-RTK HS

Concentration (%): 95-100%

Massachusetts Substances: MA-S

Massachusetts Extraordinary Hazardous Substances: MA-Extra HS

New Jersey Hazardous Substances: NJ- HS

Pennsylvania RTK Hazardous Substances: PA- RTK HS

Pennsylvania Special Hazardous Substances: PA- Special HS

California Prop.65 Potential exposure to some or all of the California Prop 65 chemicals in this product have been determined to be below the No Significant Risk Level (NSRL) To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

U.S.Toxic Substances Control Act: Listed on the TSCA Inventory.

16. OTHER INFORMATION

Hazardous Material Information System:

Health: 0, Flammability: 0, Physical hazards: 0
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

National Fire Protection Association (U.S.A.):

Health: 0, Flammability: 0, Instability/Reactivity: 0 Special:
(0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe)

Issue Date: 05-May-2017

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

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Disclaimer and/or Comments

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