

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## Madder Roots, ground with pieces

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Version: 3.1

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### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Madder Roots

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

*For dyeing of textile and leather*

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Mon-Droguiste.Com

*Address:* 39 Bis Rue Du Moulin Rouge - 10150 Charmont Sous Barbuise - France

*Tel./Fax.:* +33.(0)3.25.41.04.05

*Internet:* www.mon-droguiste.com

*EMail:* contact@mon-droguiste.com

*Importer:*

#### 1.4. Emergency No.

*Emergency No.:* SAMU : 15 - Pompiers : 18

#### 1.4.2 Poison Center: ORFILA : 01 45 42 59 59

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### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

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### 3. Composition/Information on Ingredients

#### 3.1. Substance

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### 3.2. Mixture

*Chemical Characterization:* Natural Red 8, C.I. 75330/75340/75350/75370/75410/75420

*Information on Components / Hazardous Ingredients:*

Rubia tinctorum L, ext.	100 %	CAS-Nr: 84650-16-8
		EINECS-Nr: 283-497-9
		EC-Nr:

*Additional information:*

### 4. First Aid Measures

#### 4.1. Description of the First Aid Measures

*General information:*

*No special measures required.*

*After inhalation:*

*Take affected person to fresh air.*

*After skin contact:*

*Wash with soap and rinse with plenty of water.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek medical help.*

*After ingestion:*

*Drink plenty of water. Get medical help in case of discomfort.*

#### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*No further information available.*

*Effects:*

#### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*No further information available.*

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Foam, carbon dioxide (CO<sub>2</sub>), water.*

*Unsuitable extinguishing media:*

#### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*Dust can form explosive mixtures with air.*

#### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

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### 6. Accidental Release Measures

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Avoid formation of dust.  
Wear protective clothing.*

#### 6.2. Environmental Precautions

*Environmental precautions:*

*No special measures required.*

#### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Clean up with suitable appliance and dispose adequately.  
Avoid dust formation.  
Clean with water.*

#### 6.4. Reference to other Sections

*Dispose of contaminated material according to Section 13.*

### 7. Handling and Storage

#### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Avoid formation and deposition of dust. Provide adequate ventilation.*

*Hygienic measures:*

*Do not inhale dust. Wash hands before breaks and at the end of work.*

#### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.  
Protect product from humidity.*

*Requirements for storage areas and containers:*

*Store the product in the original container.*

*Information on fire and explosion protection:*

*Dust may form an explosive mixture with air.*

*Storage class:*

*Further Information:*

#### 7.3. Specific End Use(s)

*Further information:*

### 8. Exposure Controls/Personal Protection

#### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*none known*

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*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation.*

*Personal Protection*

*General protective measures:*

*Do not inhale dust. Do not eat, drink or smoke while working. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*Dust mask recommended when very dusty (with particle filter FFP2).*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Protective clothing.*

*Environmental precautions:*

*No special measures required.*

## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form: powder*

*Color: orange red brown*

*Odor: characteristic*

*Odor threshold:*

*pH-Value: 6 - 7 (20°C)*

*Melting temperature: not determined*

*Boiling temperature: not applicable*

*Flash point: not applicable*

*Evaporation rate: not applicable*

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*Flammability (solid, gas):*

*not applicable*

*Upper explosion limit:*

*not determined*

*Lower explosion limit:*

*not determined*

*Vapor pressure:*

*not determined*

*Vapor density:*

*No information available.*

*Density:*

*500 kg/m<sup>3</sup>*

*Solubility in water:*

*soluble*

*Coefficient of variation (n-Octanol/Water):*

*no information available*

*Auto-ignition temperature:*

*not determined*

*Decomposition temperature:*

*> 150°C*

*Viscosity, dynamic:*

*not applicable*

*Explosive properties:*

*Dust can form explosive mixtures with air.*

*Oxidizing properties:*

*no information available*

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*Dust explosion: K<sub>max</sub> 101.4 bar m/s*

## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*No decomposition if used according to specifications (dry storage).*

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### 10.3. Possibility of Hazardous Reactions

*Unknown.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid humidity.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*None known.*

### 10.6. Hazardous Decomposition Products

*Carbon oxides*

### 10.7. Further Information

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## 11. Toxicological Information

### 11.1. Information on Toxicological Effects

*No toxicity expected.*

*Acute Toxicity*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No information available*

*Irritant effect on eyes:*

*No information available.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No relevant data found.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No relevant data found.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Additional toxicological information:*

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*Acute or chronic effects are not expected.*

### 12. Ecological Information

#### 12.1. Aquatic Toxicity

*No toxicity expected.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

#### 12.2. Persistency and Degradability

*Biodegradable.*

#### 12.3. Bioaccumulation

*Considered unlikely to bioaccumulate.*

#### 12.4. Mobility

*Product is water soluble.*

#### 12.5. Results of PBT- und vPvP Assessment

*No data available.*

#### 12.6. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*Natural product. Environmentally not hazardous.*

*AOX Value:*

### 13. Disposal Considerations

#### 13.1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Uncontaminated packaging may be recycled.*

*Waste Code No.:*

### 14. Transport Information

#### 14.1. UN Number

*ADR, IMDG, IATA*

#### 14.2. UN Proper Shipping Name

*ADR/RID:*

*IMDG/IATA:*

#### 14.3. Transport Hazard Classes

*ADR Class:*

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*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

### 14. 4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14. 5. Environmental Hazards

*None*

### 14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

*not applicable*

### 14. 8. Further Information

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## 15. Regulatory Information

### 15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*0, not hazardous (German Regulation; Self-assessment)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*No restrictions are available for this product.*

*Technical instructions on air quality:*

### 15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment is not necessary for this product.*

### 15. 3. Further Information

*none*

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## 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal*

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*regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*