

# MATERIAL SAFETY DATA SHEET

EXTRAIT DE CASSEL – CASSEL EXTRACT | WALNUT STAIN Natural Pigment

## SECTION 1: Identification of the substance/mixture & of the company/undertaking

### 1.1. Product Identifier

Code: TNOM-01  
Product Name: EXTRAIT DE CASSEL – CASSEL EXTRACT | WALNUT STAIN  
IC Color: NBr8.77727

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

Use of the Substance/Preparation: Colouring Substance/ Pigment | Artists and Restoration Material

### 1.3. Details of the Supplier of the Safety Data Sheet

Company: Color Rare Ltd 105-1725 Atmec Gatineau, QC J8R 0E7  
Tel/Fax: 1-613-701-5022  
Email: [info@terrachrom.com](mailto:info@terrachrom.com)

### 1.4. Emergency Telephone No.:

Canada Contact your local Provincial Poison Centre or 911  
<http://www.capcc.ca/>  
Ontario: 1-800-268-9017  
Quebec: 1-800-463-5060

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

Classification according to EC Regulation 1272/2008:

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

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Classification according to EC Regulation No. 67/548 or No. 1999/45:  
The material is not subject to classification according to EC lists.

Skin Irrit. 2 - H315: Causes skin irritation  
Eye Irrit. 2 - H319: Causes severe eye irritation.  
STOT SE 3 - H335: May irritate the respiratory tract.

Classification according to Directive 67/548/EEC or Directive  
1999/45/EC: Xi; Irritating  
R36/37/38: Irritating to the eyes, respiratory tract, and skin.

## Section 2.2: Labelling Elements

Hazard pictograms: GHS07



Cautionary Note: Cautionary Hazard Warning: H315: Causes skin irritation.

H319: Causes severe eye irritation.

H335: May irritate the airways.

Precautionary statements: P101: If you consult a doctor, keep the container or label available.

## SECTION 3: Composition/Information on Ingredients

Chemical Characterization: NBr8.77727; lignite, humic acids, sodium salts.

CAS No: 72669-22-8 + 68131-04-04

EINECS: 268-608-0

Made in Germany

Hazardous Ingredients: SVHC (Candidate List of Substances of very High Concern): does not contain any substances as listed in Annex XIV of the REACH Regulation 1907/2006/EC.

## SECTION 4: First-Aid Measures

Description of the First Aid Measures

After inhalation: Bring affected person to fresh air.

If breathing is difficult or symptoms persist, call a physician.

After skin contact: Wash with soap and rinse with plenty of water. If irritation continues consult a physician.

After eye contact: Rinse open eyes with plenty of water for at least 15 minutes. Consult physician.

After ingestion: Rinse mouth with water and give plenty of water to drink. Consult a physician.

Never give anything by mouth to an unconscious person. Do not induce vomiting.  
General information: Seek medical attention in case of persistent symptoms.

Most Important Symptoms and Effects, both Acute and Delayed Possible symptoms: Irritates eyes, skin and respiratory system.

## **SECTION 5: Fire-Fighting Measures**

### **5.1. Extinguishing media**

Use extinguishing media for surrounding fire. Water spray, foam are suitable media.

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

Do not inhale fumes

### **5.3. Advice for firefighters**

Protective equipment: Wear self-contained respiratory protective device.

## **SECTION 6: Accidental Release Measures**

**6.1. Personal precautions, protective equipment and emergency procedures** Avoid dust formation. Wear protective equipment.

### **6.2. Environmental precautions**

Avoid having the product enter the sewers and waterways.

**6.3. Methods and material for containment and cleaning up** Clean up while wearing appropriate personal equipment. Product can be vacuumed or swept. Use soap and water to clean surfaces where product has been in contact. No known incompatible materials.

### **6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

## **SECTION 7: Handling and Storage**

### **7.1. Precautions for safe handling**

Instructions on safe handling: Avoid formation and deposit of dust. Provide adequate ventilation. Do not inhale product or dust. Hygienic measures: Wash hands at the end of work. Preventive skin protection recommended. Avoid contact with skin and eyes.  
Fire and explosion prevention: Keep away from ignition sources - do not smoke.

### **7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in a cool, well ventilated and dry place in well sealed packages. Ensure storage containers are well labeled.  
Requirements for storage areas and containers: Do not store with food. Do not store with flammable materials.

## **SECTION 8: Exposure Controls/Personal Protection**

### **8.1. Control parameters**

Parameters to be controlled (DE): (8hr TWA) 10mg/m<sup>3</sup> (Total dust) and (8hr TWA) 4mg/m<sup>3</sup> (Respirable dust)  
Additional remarks: This document is based on the information available at the time of its preparation.

### **8.2. Exposure controls**

Technical protective measures: While working with the product, the air at the workstation must be well ventilated. Provide adequate ventilation/exhaust system.

#### Personal Protective Equipment

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. Avoid contact with eyes and skin.  
Respiratory protection: Dust mask recommended when very dusty (with particle filter P1).  
Hand protection: Protective gloves. The glove material must be impermeable and resistant to the product / substance / preparation.  
Protective glove material: Rubber or plastic gloves.  
Eye protection: Safety glasses with protective shields (EN 166).

## **SECTION 9: Physical and Chemical Properties**

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

Form: powder  
Color: dark brown  
Odor: odorless  
pH-Value at 20 degree C: 10-12

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Melting temperature: NA  
Boiling temperature: NA  
Flash point: NA  
Evaporation rate: this product is a non-volatile solid  
Flammability (solid, gas): NA  
Vapor pressure: NA  
Vapor density: this product is a non-volatile solid  
Solubility in water: 369 g/l (20°C)  
Specific Gravity (H<sub>2</sub>O=1): no information available  
Apparent density: 1.517 g/cm<sup>3</sup> (20°C)  
Auto-ignition temperature: NA  
Viscosity, dynamic: NA  
Explosive properties: product is not explosive  
Oxidizing properties: not oxidizing  
Oil intake: no information available  
Solubilities:  
    Water: 369 g/l (20°C)  
    Organic solvents: no information available  
    Flaxseed oil: no information available  
    Oleic acid: no information available  
UV: no information available  
Acidity (HCl 5%): no information available  
Strength to the bases (Na<sub>2</sub>CO<sub>3</sub> 5%): no information available  
Thermal resistance: no information available  
Humidity: no information available  
Expiry period: 5 years minimum, in hermetically sealed packaging, protected from the light, moisture, frost and heat.

## **SECTION 10: Stability and Reactivity**

### **10.1. Reactivity**

There are no reaction risks with other substances in normal conditions of use and storage.

### **10.2. Chemical stability**

The product is stable in normal conditions of use and storage.

### **10.3. Possibility of hazardous reactions**

Risk of explosion with oxidizing agents. No hazardous reactions are foreseeable in normal conditions of use and storage.

#### **10.4. Conditions to avoid**

Avoid humidity. The usual precautions used for chemical products should be followed.

#### **10.5. Incompatible materials**

Strong oxidizing agents.

#### **10.6. Hazardous decomposition products**

In case of fire: formation of carbon oxides and sodium oxide.

### **SECTION 11: Toxicological Information**

#### **11.1. Information on toxicological effects**

##### ACUTE TOXICITY:

LD50, oral: > 2000 mg/kg (rat)

LD50, dermal: > 2000 mg/kg (rat)

LC50, inhalation: no information available

##### Primary effects:

Irritant effect on skin: Irritates the skin and mucous membranes.

Irritant effect on eyes: Can cause Irritation.

Inhalation: may cause irritation of the respiratory system.

Ingestion: may cause irritation of the gastro-intestinal tract.

Sensitization: may cause sensitization.

Mutagenicity: Not mutagenic (OECD 471 Bacterial Reverse Mutation Test) In vitro Mammalian Chromosomal Aberration Test (OECD 473): negative In vivo genetic-toxicity: micronucleus negative (National Toxicology Program).

Specific target organ toxicity (STOT): Repeated exposure: Subacute toxicity (oral): NOAEL: > 500 mg/kg (28 days, rat).

### **SECTION 12: Ecological Information**

#### 12.1 Aquatic toxicity:

Fish toxicity: LC50: > 128 mg/l (24h, 48h, 72h, 96h; Poecilla reticulata) NOEC: 128 mg/l (24h, 48h, 72h, 96h; Poecilla reticulata).

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Daphnia toxicity: LC50: > 113 mg/l (24h, 48h; Daphnia magna) NOEC: 113 mg/l (24h, 48h; Daphnia magna).

Bacteria Toxicity: EC50: > 1000 mg/l (active sludge)

Algae toxicity: no information available

12.2 Persistence and degradability: not readily biodegradable (5 %, 28d)

12.3 Bioaccumulation potential: logPOW: -2.08 +/- 0.44 (pH 9.5 bei 23°C)

12.4 Mobility in soil: Surface tension: 66.6 mN/m (20°C) Adsorption: Adsorption coefficient in soil: log K < 1.3 (pH 1, 25°C) Adsorption: Adsorption coefficient in sewage sludge: log K < 1.5 (pH 1, 25°C).

General indications: Water pollution category 1(D) (classification according to list): low polluting  
Do not allow the product, undiluted or in large quantities, to enter the waterways or sewers.

12.5 Results of PBT and VPVBPBT assessments: NA

vPvB: NA

12.6 Other Adverse Effects: No other important information available.

### **SECTION 13: Disposal Considerations**

No not reuse packaging. Do not dispose of product in sewers, drains or waterways.  
Ensure that disposal is in compliance with national and local regulations.  
Can be disposed in a controlled dump.

### **SECTION 14: Transport Information**

NO RESTRICTIONS

#### **14.1. UN number**

ADR, IMDG, IATA

#### **14.2. UN proper shipping name**

ADR/RID: No hazardous goods according to ADR (land transportation)

IMDG/IATA: No hazardous goods according to IMDG

#### **14.3. Transport hazard class(es)**

Not applicable

#### **14.4. Packing group**

Not applicable

#### **14.5. Environmental hazards**

None

#### **14.6. Special precautions for user**

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Not classified as a dangerous good under transport regulations.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Information not relevant

### **SECTION 15: Regulatory Information**

Water hazard class: 1, slightly hazardous for water (German Regulation, self assessment).

### **SECTION 16: Other Information**

The information contained in this document is based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property. The use of this product is the responsibility of the user; therefore, users must, comply with the current health and safety laws and regulations. The producer is not liable for improper use of the product.