

# Safety Data Sheet

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



## 41050 Walnut stain

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Revised edition: 09.03.2023

Version: 2

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

#### 1.1. Product Identifier

*Product Name:* Walnut stain

*Article No.:* 41050

*UFI:* --

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

*Identified uses:*  
Coloring agent

*Uses advised against:*

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

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.com

*E-Mail:* info@kremer-pigmente.com

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

#### 1.4.2 Poison Center:

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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

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### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:*

Natural Brown 8, REACH Reg. No. 01-2119484865-21-0000  
Humic acids, sodium salts, CAS No. 68131-04-04, EINECS 268-608-0 (Humic content > 66 %; Na-Gehalt: 8.5 -9.5 %)

*Information on Components / Hazardous Ingredients:*

*Additional information:*

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.

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## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

Seek medical attention in case of complaints.

*After inhalation:*

Supply fresh air.

In case of complaints consult a physician.

*After skin contact:*

Wash off with water.

If symptoms persist, 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.

### 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.

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## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

Water mist.

Water jet.

Use extinguishing media for surrounding fire.

*Unsuitable extinguishing media:*

Carbon dioxide (CO<sub>2</sub>)

Extinguishing powder.

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

*Special hazards:*

*Product is not flammable.*

*In case of fire: formation of carbon oxides, nitrogen oxides.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device and full protective gear.*

*Further information:*

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## 6. Accidental Release Measures

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

*Personal precautions:*

*Wear protective clothing.*

*Avoid contact with eyes and skin.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soil, drains and surface waters.*

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

*Methods and material:*

*Take up mechanically and collect in suitable containers for disposal.*

### 6.4. Reference to other Sections

*For information for safe handling see Section 7.*

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Avoid formation of dust. Do not inhale dust.*

*Hygienic measures:*

*Do not eat or drink during work. Do not smoke.*

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

*Storage conditions:*

*Store in a cool and dry place.*

*Protect against humidity and water.*

*Requirements for storage areas and containers:*

*Store the product in the original container.*

*Information on fire and explosion protection:*

*Provide adequate exhaust ventilation at places where dust is formed.*

*Storage class:*

*10-13 (TRSG 510)*

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*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

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## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*General dust limit*

*Parameters to be controlled (DE):*

*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/exhaust system.*

*Personal Protection*

*General protective measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work. Wear adequate protective clothing.*

*Respiratory protection:*

*Dust mask recommended when very dusty.*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*The glove material must be sufficiently impermeable and resistant against the product.*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Protective clothing.*

*Environmental precautions:*

*Prevent from getting into the soil, surface water and sewage system.*

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## 9. Physical and Chemical Properties

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

*Form: solid*

*Color: dark brown*

*Odor: odorless*

*Odor threshold:*

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	<i>no information available</i>
<i>pH-Value:</i>	10 - 12
<i>Melting temperature:</i>	<i>not applicable</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>This product is a non-volatile solid.</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>This product is a non-volatile solid.</i>
<i>Density:</i>	1.517 g/cm <sup>3</sup> (20°C)
<i>Solubility in water:</i>	369 g/l (20°C)
<i>Coefficient of variation (n-Octanol/Water):</i>	-2.08 +/- 0.44
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>not applicable</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>
<i>Oxidizing properties:</i>	<i>not oxidizing</i>
<i>Bulk density:</i>	510 kg/m <sup>3</sup>

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

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*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*No further information.*

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### 10. Stability and Reactivity

#### 10.1. Reactivity

*Stable if used according to specifications.*

#### 10.2. Chemical Stability

*Stable if used according to specifications.*

#### 10.3. Possibility of Hazardous Reactions

*Risk of explosion with oxidizing agents.*

#### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid humidity.*

*Thermal decomposition:*

#### 10.5. Incompatible Materials

*Strong oxidizing agents.*

#### 10.6. Hazardous Decomposition Products

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

#### 10.7. Further Information

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### 11. Toxicological Information

#### 11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

*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:*

*May cause skin irritation in sensitive persons.*  
*Non irritating (rabbit)*

*Irritant effect on eyes:*

*May cause eye irritation in sensitive persons.*  
*Non-irritating to eyes (rabbit)*

*Inhalation:*

*May cause irritation of the respiratory system in sensitive persons.*

*Ingestion:*

*May cause irritation of the gastro-intestinal tract in sensitive persons.*

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### *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)*

### *Reproductive toxicity:*

*No information available.*

### *Carcinogenicity:*

*No relevant data found.*

### *Teratogenicity:*

*No information available.*

### *Specific target organ toxicity (STOT):*

*Repeated exposure: Subacute toxicity (oral): NOAEL: > 500 mg/kg  
(28 days, rat)*

### *Aspiration hazard*

*No information available.*

## 11.2. Information on other Hazards

*No further information available.*

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## 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)*

#### *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. Persistency and Degradability

*Not readily biodegradable (5 %, 28d)*

### 12.3. Bioaccumulation

*logPOW: -2.08 +/- 0.44 (pH 9.5 bei 23°C)*

### 12.4. Mobility

*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)*

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

*Not applicable.*

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### 12.6. Endocrine Disrupting Properties

*No data available.*

### 12.7. Other Adverse Effects

*Water hazard class:*

*1 (German Regulation) (Assessment by list): slightly hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*AOX Value:*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

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

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Dispose of according to official local regulations.*

*Waste Code No.:*

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## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

### 14.2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR / DOT (US) (land transportation).*

*IMDG/IATA:*

*Not hazardous goods*

### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

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### 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. Maritime Transport in Bulk according to IMO Instruments

*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:*

*1, slightly hazardous for water (German Regulation, self-assessment)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

### 15.2. Chemical Safety Assessment

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

### 15.3. Further Information

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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 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.*