

Safety Data Sheet

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



23480 Quinacridone Chestnut Brown, PR 206

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Revised edition: 29.09.2016

Version: 5.0

Printed: 13.12.2018

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

1.1. Product Identifier

Product Name: Quinacridone Chestnut Brown, PR 206

Article No.: 23480

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

Identified uses:

Coloring component

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.de

E-Mail: info@kremer-pigmente.de

Importer: --

1.4. Emergency No.

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

2. Hazards Identification

2.1. Classification of the Substance or Mixture

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

H317 Skin sensitization, hazard category 1
May cause an allergic skin reaction.
Cat.: 1

Classification according to Directive No. 67/548/EC or No. 1999/45/EC

R52 Harmful to aquatic organisms.
R53 May cause long-term adverse effects in the aquatic environment.

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

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

Hazard designation:



GHS07-1

Signal word:

Warning

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Hazard designation:

H317 May cause an allergic skin reaction.

Safety designation:

P272 Contaminated work clothing should not be allowed out of the workplace.
P280a Wear protective gloves/ clothing.
P302+P352 If on skin: Wash with soap and water.
P333+P313 If skin irritation or rash occurs: Get medical attention.
P362 Take off contaminated clothing and wash before reuse.
P501 Dispose of contents/ container according to regional, national and international regulations.

Hazardous components for labelling:

2.3. Other Hazards

Risk of dust explosion under certain conditions.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Quinacridone; Pigment Red 206, C.I. 73900/73920

Information on Components / Hazardous Ingredients:

Chino[2,3-b]acridin-6,7,13,14(5H, 12H)-tetron (Xi, R43; H317); REACH Reg.No. 01-2120099759-30	25 - 50 %	CAS-Nr: 1503-48-6 EINECS-Nr: 216-125-0 EC-Nr:
Benzolsulfonic acid, Dodecyl-, branched, compound with 2-propane amine (Xi,N; R22-36/37/38-51/53; H302-315-319-335-412)	1 - 5 %	CAS-Nr: 90218-35-2 EINECS-Nr: 290-709-3 EC-Nr:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes.

After inhalation:

*If breathing is difficult call a physician.
Supply fresh air.*

After skin contact:

Wash off with plenty of water and soap.

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes.

After ingestion:

Rinse mouth with water and drink plenty of water.

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

Symptoms:

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No further information available.

Effects:

No further information available.

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

Treatment:

Symptomatic treatment (decontamination, vital functions), no specific antidote known.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Extinguishing powder, foam.

Unsuitable extinguishing media:

Carbon dioxide (CO₂)

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

Do not inhale fumes.

In case of fire: hazardous gases/vapors may be released.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Avoid formation of dust: risk of dust explosion.

Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

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:

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Small spills:

Take up mechanically and collect in suitable containers for disposal.

Large spills:

Contain with dust binding material and dispose accordingly.

Avoid dust formation.

6.4. Reference to other Sections

Protective clothing, see Section 8.

See Section 13 for information on disposal.

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7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Respiratory protection when handling without exhaust system.

Hygienic measures:

No further measures, see Section 8.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and cool room.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Avoid dust formation.

Take measures to prevent electrostatic discharge.

Dust explosion class 3 (Kst-value >300 bar m/s).

Storage class (VCI):

11; Combustible solids

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):

TRGS 900

TLV: 10 mg/m³ inhalable fraction (general dust limit)

TLV: 1.25 mg/m³ air-borne fraction (general dust limit)

Peak limit category 2

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:

The usual precautionary measures are to be adhered to when

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handling chemicals.

Respiratory protection:

Suitable respiratory protection for lower concentration or short-term effect: particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, type P2 or FFP2).

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Recommended: Protective index 6, > 480 min. of permeation time accord. EN 374.

Nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinyl chloride (0.7 mm).

Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective suit with long sleeves.

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: powder

Color: violet red

Odor: odorless

Odor threshold:
No information available.

pH-Value: 8 (suspension)

Melting temperature: > 300°C

Boiling temperature:
not applicable

Flash point:
not applicable

Evaporation rate:
not applicable

Flammability (solid, gas): 600°C

Upper explosion limit:
not determined

Lower explosion limit:
not determined

Vapor pressure:
not applicable

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Vapor density:

This product is a non-volatile solid.

Density:

1.48 g/cm³ (20°C)

Solubility in water:

insoluble

Coefficient of variation (n-Octanol/Water):

not applicable

Auto-ignition temperature:

Product is not auto-ignitable.

Decomposition temperature:

> 300°C

Viscosity, dynamic:

not applicable

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

not oxidizing

Bulk density:

300 kg/m³

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Solvent content:

Solid content:

Particle size:

No data available.

Other information:

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 dust explosion.

10.4. Conditions to Avoid

Conditions to avoid:

*Avoid formation of dust.
Avoid electrostatic discharge.*

Thermal decomposition:

No data available.

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10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

Carbon oxides, nitrogen oxides, sulfuric oxide, toxic fumes/vapors.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral: > 5000 mg/kg (rat)

LD50, dermal: > 5000 mg/kg (rabbit)

LC50, inhalation: > 5 mg/l (4h; rat)

Primary effects

Irritant effect on skin:

Non irritating (rabbit)

Irritant effect on eyes:

Non-irritating to eyes (rabbit)

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

Sensitizing (mouse; OECD 429).

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No information available.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No specific target organic toxicity expected after a single exposure.

Repeated exposure: no information available.

Additional toxicological information:

Aspiration hazard: not applicable

12. Ecological Information

12.1. Aquatic Toxicity

Harmful to aquatic organisms.

Fish toxicity:

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LC50: 10 - 100 mg/l (96h)

Daphnia toxicity:

EC50: 10 - 100 mg/l (48h, Daphnia magna)

Bacteria toxicity:

EC50: > 100 mg/l (0.5h, active sludge)

Algae toxicity:

EC50: > 100 mg/l (72h, Scenedesmus subspicatus)

12.2. Persistency and Degradability

Very insoluble product and can thus be removed from water mechanically in suitable effluent treatment plants.

12.3. Bioaccumulation

Product has not been tested.

12.4. Mobility

Does not evaporate from the surface of the water to the atmosphere.

Adsorption to solid soil phase is expected.

12.5. Results of PBT- und vPvP Assessment

According to Annex VIII to Regulation (EC) No. 1907/2006 (REACH): this product is neither a PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative/very toxic) substance nor does it contain a PBT or vPvB substance.

12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Behaviour in sewage systems:

Treatment and discharge of waste water into biological treatment plant should be carried out according to official national and local regulations.

Further ecological effects:

Do not discharge product uncontrolled into the environment.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

European Waste Code (EWC):

Uncleaned packaging:

Untaminated packaging may be recycled.

Packaging may be disposed of in the same manner as the product.

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 (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

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 applicable

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

14.8. Further Information

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, Assessment by list)

Local regulations on chemical accidents:

Not listed.

Employment restrictions:

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Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not yet been carried out for this product.

15.3. Further Information

Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable

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.