

Safety Data Sheet

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



94206 Ponceau S extra

Page 1

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017

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

1.1. Product Identifier

Product Name: Ponceau S extra

Article No.: 94206

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

Identified uses:

Use as laboratory reagent

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)

*Skin corrosion, hazard category 2
Serious eye damage, hazard category 2
Specific Target Organ Toxicity (single exposure), hazard category 3*

H315 Causes skin irritation.

Cat.: 2

H319 Causes serious eye irritation.

Cat.: 2

H335 May cause respiratory irritation.

Cat.: 3

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

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

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

Hazard designation:

next page: 2

Safety Data Sheet

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



94206 Ponceau S extra

Page 2

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017



GHS07-1

Signal word:

Warning

Hazard designation:

| | |
|------|-----------------------------------|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |

Safety designation:

| | |
|----------------|--|
| P261 | Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. |
| P302+P352 | If on skin: Wash with soap and water. |
| P305+P351+P338 | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/ attention. |

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

Formula: $C_{22}H_{12}N_4Na_4O_{13}S_4$; Molar mass: 760.57 g/mol

Information on Components / Hazardous Ingredients:

| | | |
|---|-------|---|
| Ponceau S (Skin Irrit 2, Eye Irrit., STOT SE 3; H315-319-335) | 100 % | CAS-Nr: 6226-79-5 EINECS-Nr: 228-319-2 EC-Nr: |
|---|-------|---|

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

In case of an accident or if you feel unwell, seek medical advice immediately (show the label where possible).

After inhalation:

*Consult physician if symptoms persist.
Supply fresh air.*

After skin contact:

*Wash contaminated clothing and shoes before reuse.
Wash off with polyethylene glycol 400 and then with soap and water. Treat with soothing cream.*

After eye contact:

Rinse open eye for several minutes under running water.

next page: 3

Safety Data Sheet

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



94206 Ponceau S extra

Page 3

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017

Immediately call an ophthalmologist.

After ingestion:

Rinse mouth with plenty of water and consult 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:

Treat symptomatically.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, water.

Unsuitable extinguishing media:

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: release of hazardous combustion products.

In case of fire: formation of carbon and nitrogen oxides, sulfur oxides, toxic gases/vapors.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device and protective clothing.

Further information:

Reduce escaping gases/fumes/mist with water spray.

Collect contaminated extinguishing water and debris separately; avoid contamination of sewage system.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Do not inhale dust. Avoid formation of dust.

Avoid contact with skin, eyes and clothing.

Wear protective clothing.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable container for disposal. Rinse spill area. Avoid dust formation.

next page: 4

Safety Data Sheet

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



94206 Ponceau S extra

Page 4

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017

6.4. Reference to other Sections

*For information for safe handling see Section 7.
Protective clothing, see Section 8.
See Section 13 for information on disposal.*

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

No special measures required.

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 tightly sealed containers in a dry room.
Store at room temperature.*

Requirements for storage areas and containers:

Information on fire and explosion protection:

No special measures necessary.

Storage class (VCI):

11; Combustible solids

Further Information:

7.3. Specific End Use(s)

Further information:

Use as laboratory reagent.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

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:

Remove contaminated clothing immediately.

Keep away from foodstuffs and drinks. Do not eat, drink or smoke

next page: 5

Safety Data Sheet

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



94206 Ponceau S extra

Page 5

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017

during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Required in case of insufficient ventilation.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Eye protection:

Safety glasses (EN 166)

Body protection:

Protective clothing.

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

| | |
|-----------------------------------|--|
| <i>Form:</i> | <i>solid</i> |
| <i>Color:</i> | <i>reddish brown</i> |
| <i>Odor:</i> | <i>characteristic</i> |
| <i>Odor threshold:</i> | <i>not determined</i> |
| <i>pH-Value:</i> | <i>9.0 (bei 20°C; 10 g/l H₂O)</i> |
| <i>Melting temperature:</i> | <i>not available</i> |
| <i>Boiling temperature:</i> | <i>not available</i> |
| <i>Flash point:</i> | <i>not applicable</i> |
| <i>Evaporation rate:</i> | <i>not applicable</i> |
| <i>Flammability (solid, gas):</i> | <i>not applicable</i> |
| <i>Upper explosion limit:</i> | <i>not determined</i> |
| <i>Lower explosion limit:</i> | <i>not determined</i> |
| <i>Vapor pressure:</i> | <i>not determined</i> |
| <i>Vapor density:</i> | <i>No information available.</i> |
| <i>Density:</i> | <i>not determined</i> |

next page: 6

Safety Data Sheet

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



94206 Ponceau S extra

Page 6

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017

| | |
|--|---------------------------------|
| <i>Solubility in water:</i> | <i>10 g/l</i> |
| <i>Coefficient of variation (n-Octanol/Water):</i> | <i>not determined</i> |
| <i>Auto-ignition temperature:</i> | <i>not determined</i> |
| <i>Decomposition temperature:</i> | <i>not determined</i> |
| <i>Viscosity, dynamic:</i> | <i>not applicable</i> |
| <i>Explosive properties:</i> | <i>not applicable</i> |
| <i>Oxidizing properties:</i> | <i>not oxidizing</i> |
| <i>Bulk density:</i> | <i>ca. 660 kg/m³</i> |

9.2. Further Information

Solubility in solvents:
Viscosity, kinematic
Burning class:
Solvent content:
Solid content:
Particle size:
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**
Unknown.
- 10.4. **Conditions to Avoid**
Conditions to avoid:
No information available.
Thermal decomposition:
- 10.5. **Incompatible Materials**
No information available.
- 10.6. **Hazardous Decomposition Products**
None known.
- 10.7. **Further Information**

next page: 7

Safety Data Sheet

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



94206 Ponceau S extra

Page 7

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

No information available.

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Irritating to skin.

Irritant effect on eyes:

Strong irritant effect.

Inhalation:

Irritates the respiratory tract.

Ingestion:

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:

No quantitative toxicological data available for this product.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

next page: 8

Safety Data Sheet

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



94206 Ponceau S extra

Page 8

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017

12.2. Persistency and Degradability

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

No data available.

12.6. Other Adverse Effects

Water hazard class:

3, hazardous

Do not let product contaminate ground water, waterways or sewage system.

Behaviour in sewage systems:

Further ecological effects:

No quantitative ecological data available for this product.

Do not let product enter waterways or sewage system.

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:

Dispose of according to official local regulations.

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

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:

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:

next page: 9

Safety Data Sheet

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



94206 Ponceau S extra

Page 9

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017

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

Not classified as environmentally hazardous.

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

15. Regulatory Information

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

Water hazard class:

3, very hazardous for water (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

The employment restrictions for young workers in accordance with the Youth Employment Protection Law (§ 22 JArbSchG) are to be observed.

The employment restrictions for women in child-bearing age are to be observed (§§4 und 5 MuSchRiV).

Restriction and prohibition of application:

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

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

15. 3. Further Information

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

next page: 10

Safety Data Sheet

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



94206 **Ponceau S extra**

Page 10

Revised edition: 21.11.2016

Version: 1.01

Printed: 12.01.2017

therefore not be construed as guaranteeing specific properties.