

Safety Data Sheet

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



56400 Fluorescent Pigment Magenta Red

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Revised edition: 19.09.2019

Version: 3

Printed: 30.11.2021

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

1.1. Product Identifier

Product Name: Fluorescent Pigment Magenta Red
Article No.: 56400
UFI: --

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

Identified uses:
Pigment

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:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

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

H412
Cat.: 3

Hazardous to the aquatic environment, hazard category 3
Harmful to aquatic life with long lasting effects.

Possible Environmental Effects:

2.2. Label Elements

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

Hazard designation:

Signal word:

Hazard designation:

H412
EUH208

Harmful to aquatic life with long lasting effects.
May produce an allergic reaction.

Safety designation:

P243
P261
P262

Take precautionary measures against static discharge.
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Do not get in eyes, on skin, or on clothing.
Do not eat, drink or smoke when using this product

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P270	
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.
P285	In case of inadequate ventilation wear respiratory protection.
P391	Collect spillage

Hazardous components for labelling:

2.3. Other Hazards

Contains C.I. Basic Red 1:1, formaldehyde: can cause allergic reactions.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

This produkt is a mixture.

Chemical Characterization:

Information on Components / Hazardous Ingredients:

Talc (free of asbestos fibers)	2.5 - 10 %	CAS-Nr: 14807-96-6 EINECS-Nr: 238-877-9 EC-Nr:
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Formaldehyde (Carc. 1B; H301-311-314-317-331-341-350); REACH Reg.No. 01-2119488953-20-xxxx	<0.1 %	CAS-Nr: 50-00-0 EINECS-Nr: 200-001-8 EC-Nr: 605-001-00-5
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C.I. Basic Red 1.1, Xanthene dye (302-317-318-H410); REACH Reg.-Nr. 01-2120107344-68	< 1 %	CAS-Nr: 3068-39-1 EINECS-Nr: 221-326-1 EC-Nr:
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2-Hydroxy-4-methoxybenzophenone (H410)	< 1 %	CAS-Nr: 131-57-7 EINECS-Nr: 205-031-5 EC-Nr:
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Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes immediately.

After inhalation:

Supply fresh air and seek medical advice in case of complaints.

After skin contact:

Remove contaminated clothing.

Wash with soap and rinse with plenty of water.

After eye contact:

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

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medical help.

After ingestion:

Rinse mouth thoroughly with plenty of water. Do not induce vomiting. Consult physician immediately.

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

Symptoms:

No further information available.

Effects:

No further information available.

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:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

No information available.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Avoid contamination of sewage system, open water ways and ground water.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear protective clothing.

Avoid contact with skin and eyes. Do not ingest or inhale.

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. 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:

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid formation of dust.

Provide adequate ventilation.

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.

Protect against overheating.

Requirements for storage areas and containers:

Information on fire and explosion protection:

No information available.

Storage class:

Further Information:

No information available.

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

*Formaldehyde (CAS 50-00-0), TWA: 0.3 ppm, 0.37 mg/m³; 2 (I)
Talc (CAS 14807-96-6, : AGW: 1.25 mg/m³ (airborne fraction); 10 mg/m³ (inhalable fraction); 2 (II)*

Parameters to be controlled:

Formaldehyde (CAS 50-00-0), TWA/STEL/Ceiling: 0.5 ppm, 0.6 mg/m³; skin (A); 0.3 ppm, 0.38 mg/m³ (BE); Ceiling: 0.3 ppm, 0.4 mg/m³ (BE); TWA: 0.3 ppm, 0.37 mg/m³; STEL: 1 ppm, 1.2 mg/m³; Ceiling: 1 ppm, 1.2 mg/m³ (F1)

Formaldehyde (CAS 50-00-0), TWA: 0.3 ppm, 0.4 mg/m³; STEL: 1 ppm, 1.2 mg/m³; Ceiling: 0.6 ppm, 0.8 mg/m³ (IS); TWA/STEL: 2 ppm, 2.5 mg/m³ (IR); TWA: 0.5 ppm, 0.6 mg/m³; STEL: 1.5 ppm, 1.8 mg/m³; Ceiling: 1 ppm, 1.2 mg/m³ (NO); Ceiling: 0.3 ppm (PT); STEL: 0.3 ppm, 0.37 mg/m³ (ES)

Formaldehyde (CAS 50-00-0), LLV: 0.3 ppm, 0.37 mg/m³; CLV: 0.6 ppm, 0.74 mg/m³ (SE); TWA: 0.3 ppm, 0.37 mg/m³; STEL: 0.6 ppm, 0.74 mg/m³ (CH); TWA: 2 ppm, 2.5 mg/m³; STEL: 2 ppm, 2.5 mg/m³ (GB)

Talc (CAS 14807-96-6): WEL (GB): 1 mg/m³ (8h; inhalable fraction); TLV-ACGIH: 2 mg/m³ (8h)

Derived No-Effect Level (DNEL):

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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.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Eye protection:

Safety glasses with protective shields (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: pink

Odor: neutral

Odor threshold:
no information available

pH-Value:
not determined

Melting temperature:
not applicable

Boiling temperature:
not applicable

Flash point:
not applicable

Evaporation rate:
not applicable

Flammability (solid, gas):
not applicable

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Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not applicable

Vapor density:

No information available.

Density:

Solubility in water:

practically insoluble

Coefficient of variation (n-Octanol/Water):

not applicable

Auto-ignition temperature:

No information available.

Decomposition temperature:

No data available.

Viscosity, dynamic:

not applicable

Explosive properties:

Dust can form explosive mixtures with air.

Oxidizing properties:

no information available

Bulk density:

not determined

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

No information available.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

No information available.

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10.4. Conditions to Avoid

Conditions to avoid:

*Avoid heat.
Avoid direct sunlight.*

Thermal decomposition:

Avoid heat.

10.5. Incompatible Materials

None known.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

Formaldehyde: 600 mg/kg (rat)

LD50, dermal:

Formaldehyde: 270 mg/kg (rabbit)

LC50, inhalation:

Formaldehyde: 0.578 mg/l (4h; rat)

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 information available.

Carcinogenicity:

Formaldehyde: Carc. 1B (EC)

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

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No relevant data found.

Additional toxicological information:

No information available.

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

*Formaldehyde: LC50: 22.6 - 25.7 mg/l flow-through, 23.2 - 29.7 mg/l static (96, Pimephales promelas); 1510 µg/l static (96h, Lepomis macrochirus); 41 mg/l static (96h Brachydanio rerio); 0.032 - 0.226 mg/l flow-through, 100 - 136 mg/l static (96h, Oncorhynchus mykiss)
Talc: LC50: > 100000 mg/l (24h)*

Daphnia toxicity:

Formaldehyde: LC50: 2 mg/l (48h; Daphnia magna); EC50: 11.3-18 mg/l static (48h; Daphnia magna)

Bacteria toxicity:

no information available

Algae toxicity:

No information available.

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

Formaldehyde: logPOW 0.35

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:

1, slightly hazardous (German Regulation; Self-assessment).

Behaviour in sewage systems:

Further ecological effects:

No ecological problems expected.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

In accordance with current regulations, product may be taken to an incineration plant.

European Waste Code (EWC):

Uncleaned packaging:

Contaminated packaging must be disposed like the substance.

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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 / 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:

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:

2, hazardous for water (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

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Restriction and prohibition of application:

EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable

Technical instructions on air quality:

15.2. Chemical Safety Assessment

No information available.

15.3. Further Information

The product/preparation is registered in the following national inventories:

EINECS (EU), TSCA (US), AICS (AUS), DSL (CA), PICCS (PH), LECS (KR), MITI/ENCS (JP), PRC (CN)

EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable

Formaldehyde (CAS 50-00-0): French RG-Number: RG 53 (Diseases caused by formaldehyde and its polymers)

Talc (free of asbestos fibers; CAS 14807-96-6): French RG-Number: RG 25

Regulation (EU) 2019/1021 - Persistent organic pollutants: 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.