

Material Safety Data Sheet

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



62400 Paraffin

Page 1

Revised edition: 10.03.2016

Version: 1

Printed: 04.08.2016

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

1.1. Product Identifier

Product Name: Paraffin

Article No.: 62400

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

Identified uses:

*Industrial application.
Binding and release agent
Coatings product.*

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)*

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

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

The material is not subject to classification according to EC lists.

Safety Phrases:

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:

next page: 2

Material Safety Data Sheet

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



62400 Paraffin

Page 2

Revised edition: 10.03.2016

Version: 1

Printed: 04.08.2016

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Mixture of paraffinic hydrocarbons

Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Take affected persons out into the fresh air.

After inhalation:

Supply fresh air. Consult physician if symptoms persist.

Give artificial respiration in case breathing is not regular or if it has stopped.

After skin contact:

At high temperatures the contact with product can cause burns. Remove contaminated clothing and shoes immediately. After contact with molten material cool affected skin with water. Do not try to remove material from skin or remove contaminated clothing, risk of tearing away skin. Get medical attention.

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes. Immediately call an ophthalmologist.

After ingestion:

Do not induce vomiting. Consult physician immediately. Never give anything by mouth to an unconscious person.

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, dry sand.

Unsuitable extinguishing media:

Water spray.

next page: 3

Material Safety Data Sheet

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



62400 Paraffin

Page 3

Revised edition: 10.03.2016

Version: 1

Printed: 04.08.2016

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of CO, CO₂ and fumes.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear suitable protective clothing.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid contact with skin, eyes and clothing.

Floor may be slippery; use care to avoid falling.

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

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid contact with molten material.

Do not breathe fumes or vapors of heated product.

Hygienic measures:

Avoid contact with eyes and skin.

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

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a well ventilated location.

Do not store together with: oxidants.

Requirements for storage areas and containers:

Store the product in the original container.

Store product in correctly labelled containers.

Information on fire and explosion protection:

Keep away from sources of ignition.

next page: 4

Material Safety Data Sheet

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



62400 Paraffin

Page 4

Revised edition: 10.03.2016

Version: 1

Printed: 04.08.2016

Product can form an explosive dust mixture under certain conditions.

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):

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:

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.
Wash contaminated clothes before reuse.
Avoid contact with skin, eyes and clothing.*

Respiratory protection:

In case of formation of aerosol or mist.

Recommended: Filter A2, A2/P2, ABEK

Hand protection:

Protective gloves. The glove material has to be impermeable and resistant to the product / substance / preparation.

Protective glove material:

Nitrile rubber, chloroprene rubber, fluoro carbon rubber (Index no. 5-6, category 2 (EN 388))

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing (flame-proof, antistatic).

Environmental precautions:

9. Physical and Chemical Properties

next page: 5

Material Safety Data Sheet

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



62400 Paraffin

Page 5

Revised edition: 10.03.2016

Version: 1

Printed: 04.08.2016

9. 1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>solid</i>
<i>Color:</i>	<i>white</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>No information available.</i>
<i>pH-Value:</i>	<i>not determined</i>
<i>Melting temperature:</i>	<i>> 52°C (DIN/ISO 2207)</i>
<i>Boiling temperature:</i>	<i>not available</i>
<i>Flash point:</i>	<i>> 100°C (DIN/ISO 2592)</i>
<i>Evaporation rate:</i>	<i>No information available.</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 determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>0.766 g/cm³ (DIN 51757)</i>
<i>Solubility in water:</i>	<i>practically insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>2 - 6</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>not determined</i>
<i>Viscosity, dynamic:</i>	<i>not available</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>
<i>Oxidizing properties:</i>	<i>No information available.</i>
<i>Bulk density:</i>	

next page: 6

Material Safety Data Sheet

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



62400 Paraffin

Page 6

Revised edition: 10.03.2016

Version: 1

Printed: 04.08.2016

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

3.4 mm²/s (100°C) (DIN 51562)

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

No information available.

10.2. Chemical Stability

None known.

10.3. Possibility of Hazardous Reactions

No information available.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid heat, open fire and other ignition sources.

Thermal decomposition:

10.5. Incompatible Materials

Strong oxidizing agents and nitrates.

10.6. Hazardous Decomposition Products

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

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

> 5000 mg/kg (rat; ECHA)

LD50, dermal:

> 2000 mg/kg (rabbit; ECHA)

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Non irritating (rabbit; OECD 404)

Irritant effect on eyes:

Non-irritating to eyes (rabbit; OECD 405)

Inhalation:

No information available.

next page: 7

Material Safety Data Sheet

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



62400 Paraffin

Page 7

Revised edition: 10.03.2016

Version: 1

Printed: 04.08.2016

Ingestion:

No information available

Sensitization:

Not sensitizing (guinea pig; OECD 406).

Mutagenicity:

No data available.

Reproductive toxicity:

No negative effects.

Cancerogenicity:

No cancerogenic effect known.

Teratogenicity:

No teratogenic effects expected.

Specific target organ toxicity (STOT):

No negative effects.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

*LC50: > 1000 mg/l (96h, *Oncorhynchus mykiss*; ECHA)
LC50 (Chronic toxicity): > 1000 mg/l (28d, *Oncorhynchus mykiss*; ECHA)*

Daphnia toxicity:

*LC50: > 1000 mg/l (48h, *Daphnia magna*; ECHA)
LC50 (Chronic toxicity): > 1000 mg/l (21d, *Daphnia magna*; ECHA)*

Bacteria toxicity:

*LL50: > 1000 mg/l (40h; ECHA)
NOEL(C): > 1000 mg/l (40h; ECHA)*

Algae toxicity:

*LC50: > 1000 mg/l (3d, *Selesnastrum capricornutum*; ECHA)*

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

This substance is not classified as PBT (persistent, bioaccumulative, toxic), nor as vPvB (very persistent, very bioaccumulative).

12.6. Other Adverse Effects

Water hazard class:

Not hazardous.

next page: 8

Material Safety Data Sheet

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



62400 Paraffin

Page 8

Revised edition: 10.03.2016

Version: 1

Printed: 04.08.2016

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

If product cannot be reused or recycled, it has to be disposed of according to current local regulations.

European Waste Code (EWC):

150106 - Waste packaging; Absorbents, wiping cloths, filter materials and protective clothing not otherwise specified; mixed packaging

Uncleaned packaging:

Possible residues in empty container can be dangerous. Do not reuse container.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

IMDG/IATA:

14.3. Transport Hazard Classes

ADR Class:

Hazard no.:

Classification code:

Tunnel no.:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

Hazard no.:

14.4. Packaging Group

ADR/RID:

IMDG:

IATA:

14.5. Environmental Hazards

14.6. Special Precautions for User

next page: 9

Material Safety Data Sheet

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



62400 Paraffin

Page 9

Revised edition: 10.03.2016

Version: 1

Printed: 04.08.2016

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

14. 8. Further Information

*No hazardous goods at temperatures below 100°C.
Transportation at or over 100: UN 3257 (Elevated temperature liquid, n.o.s. (Paraffin))*

15. Regulatory Information

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

Water hazard class:

0, not hazardous (German Regulation, Assessment by list)

Local regulations on chemical accidents:

Does not underlie the Accident Ordinance.

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

5.2.5.: Organic substances: $m \geq 0.50$ kg/h: conc. 50 mg/m³ (100%)

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment has been carried out for this product.

EC SVHC-List: This product does not contain a substance in the candidate list for substances of very high concern above the legal limit value (> 0.1 % (w/w) REACH Regulation (EC) 1907/2006, Article 57).

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 therefore not be construed as guaranteeing specific properties.