

Safety Data Sheet

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



79226 Cold Wax Medium

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Revised edition: 18.09.2023

Version: 1

Printed: 02.09.2024

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

1.1. Product Identifier

Product Name: Cold Wax Medium

Article No.: 79226

UFI: --

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

Identified uses:

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)

Flammable liquids, hazard category 1
Hazardous to the aquatic environment, chronic hazard category 4
H224 Extremely flammable liquid and vapour.
Cat.: 1
H413 May cause long lasting harmful effects to aquatic life.
Cat.: 4

Possible Environmental Effects:

2.2. Label Elements

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

Hazard designation:



GHS02-2

Signal word:

Danger

Hazard designation:

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H224	Extremely flammable liquid and vapour.
H413	May cause long lasting harmful effects to aquatic life.
EUH066	Repeated exposure may cause skin dryness or cracking.

Safety designation:

P210	Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P403+P235	Store in a well ventilated place. Keep cool.

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Wax medium based on beeswax.

Information on Components / Hazardous Ingredients:

Hydrocarbons, C11-C12, Isoalkanes, < 2 %	45 - 50 %	CAS-Nr:
Aromatics (H226-304-413); REACH Reg. No. 01-2119472146-39-xxxx		EINECS-Nr: 918-167-1
		EC-Nr:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

*Do not leave affected persons unattended.
Take person away from hazardous area.
In all cases of severe injuries or in case of unconsciousness, do not transport affected persons: call a physician.
Give artificial respiration in case breathing is not regular or if it has stopped.*

After inhalation:

*Supply fresh air or give oxygen.
Get medical help.
In case of unconsciousness place patient stable in side position for transportation.*

After skin contact:

Remove contaminated clothing immediately. Wash off immediately with plenty of water and soap.

After eye contact:

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

After ingestion:

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

Most important Symptoms and Effects, both Acute and Delayed

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4. 2.

Symptoms:

Headache, dizziness, nausea, unconsciousness.

Effects:

Aspiration can cause disorders of the central nervous system.

4. 3. **Indication of any Immediate Medical Attention and special Treatment needed**

Treatment:

If vomiting occurs after ingestion, aspiration into the lungs can occur which can cause a chemical pneumonia or suffocation.

5. Fire-Fighting Measures

5. 1. **Extinguishing Media**

Suitable extinguishing media:

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

Fight larger fire with water jet or alcohol resistant foam.

Unsuitable extinguishing media:

Water with full jet.

5. 2. **Special Hazards arising from the Substance or Mixture**

Special hazards:

In case of fire: formation of carbon oxides and smoke.

5. 3. **Advice for Firefighters**

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Contaminated extinguishing water and debris should be disposed of according to local regulations.

Cool exposed containers with water spray.

6. Accidental Release Measures

6. 1. **Personal Precautions, Protective Equipment and Emergency Procedures**

Personal precautions:

Wear appropriate protective equipment. Keep spectators away.

Ensure adequate ventilation.

Keep away from sources of ignition. No smoking.

6. 2. **Environmental Precautions**

Environmental precautions:

Prevent contamination of soils, drains and surface water.

Contact local authorities if product pollutes soil or vegetation.

6. 3. **Methods and Material for Containment and Cleaning Up**

Methods and material:

Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent) and dispose accordingly.

Transfer liquids and solid diking material to separate suitable

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containers for recovery or disposal.

6. 4. Reference to other Sections

Dispose of contaminated material according to Section 13.

7. Handling and Storage

7. 1. Precautions for Safe Handling

Instructions on safe handling:

Provide adequate ventilation.

Avoid the formation of aerosol.

Protect against heat and direct sunlight.

Hygienic measures:

Keep away from foodstuffs and drinks.

7. 2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a cool and well ventilated location.

Protect against heat and direct sunlight.

Requirements for storage areas and containers:

Suitable packaging: only approved packagings may be used.

Information on fire and explosion protection:

Take measures to prevent static electricity discharge, earth/ground all equipment.

Do not store together with combustible, self-ignitable and flammable products, nor with highly inflammable solids.

Do not store together with: strong oxidants.

Keep away from sources of heat and ignition - do not smoke.

Do not use compressed air for filling, discharging or other applications.

Storage class:

3; Flammable liquids (TRGS 510)

Further Information:

Maximum storage temperature: < 40°C

7. 3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8. 1. Parameters to be Controlled

Parameters to be controlled (DE):

TRGS 900

Hydrocarbons, C11-C12, Isoalkanes, <2% Aromatics: TWA 600 mg/m³

Parameters to be controlled:

Derived No-Effect Level (DNEL):

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Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

No further measures, see Section 7.

Personal Protection

General protective measures:

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

Keep away from foodstuffs and drinks. Do not eat, drink or smoke 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 gloves should be changed regularly, especially after intensive contact with the product.

Protective glove material:

Nitrile rubber (NBR): > 240 min (permeation level 5), 0.4 mm

For short-term exposure (splash protection): nitrile rubber gloves

Eye protection:

Tightly fitting safety goggles (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

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

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: liquid

Color: light-colored

Odor: characteristic

Odor threshold:
no information available

pH-Value:
not available

Melting temperature:

Boiling temperature:

Flash point: > 35°C

Evaporation rate:

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not determined

Flammability (solid, gas):

not applicable

Upper explosion limit:

Lower explosion limit:

Vapor pressure:

Vapor density:

No information available.

Density:

Solubility in water:

insoluble

Coefficient of variation (n-Octanol/Water):

no information available

Auto-ignition temperature:

Decomposition temperature:

No data available.

Viscosity, dynamic:

not available

Explosive properties:

Product is not explosive; however, an explosive vapor/air mixture can be formed.

Oxidizing properties:

no information available

Bulk density:

not applicable

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.

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10.3. Possibility of Hazardous Reactions

Formation of explosive vapor-air-mixtures possible.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid heat, sparks, open fire and other ignition sources.

Thermal decomposition:

No data available.

10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

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

Acute Toxicity

Is not classified as acutely toxic.

LD50, oral:

Hydrocarbons, C11-C12, Isoalkanes, <2% aromatics: > 15000 mg/kg (rat)

LD50, dermal:

Hydrocarbons, C11-C12, Isoalkanes, <2% aromatics: > 5000 mg/kg (rabbit)

LC50, inhalation:

Hydrocarbons, C11-C12, Isoalkanes, <2% aromatics: > 9300 mg/kg (4h, rat)

LC50: > 4951 mg/m³ (4h, rat; vapor)

Primary effects

Irritant effect on skin:

*Hydrocarbons, C11-C14, Isoalkanes, <2% Aromatics:
Non irritating*

Irritant effect on eyes:

*Hydrocarbons, C11-C14, Isoalkanes, <2% Aromatics:
Non-irritating to eyes*

Inhalation:

Avoid the inhalation of vapors above the recommended exposure level.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

Not mutagenic.

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Reproductive toxicity:

No reproductive toxicity expected.

Carcinogenicity:

Not cancerogenic.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

*Single exposure: no organospecific toxicity expected.
Repeated exposure: no organospecific toxicity expected.*

Aspiration hazard:

No information available.

11.2. Information on other Hazards

Skin contact: repeated exposure may cause skin dryness or cracking.

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

*Hydrocarbons, C11-C12, Isoalkanes, < 2 % Aromatics:
LL50: > 1000 mg/l (48h, fish)
LL50 (Chronic): > 1000 mg/l (24h, fish)*

Daphnia toxicity:

*Hydrocarbons, C11-C12, Isoalkanes, < 2 % Aromatics:
EL50: > 1000 mg/l (24h, Daphnia magna)
EL50 (Chronic): > 1 mg/l (21d, Daphnia magna)*

Bacteria toxicity:

no information available

Algae toxicity:

No information available.

12.2. Persistency and Degradability

*Hydrocarbons, C11-C12, Isoalkanes, < 2% Aromatics:
Biochemical oxygen demand (BOD): 7.3 % (4d)
Carbon dioxide formation: 0 % (3d)*

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

Not applicable.

12.6. Endocrine Disrupting Properties

Not listed.

12.7. Other Adverse Effects

Water hazard class:

*1 (German Regulation) (Assessment by list): slightly hazardous.
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Do not allow undiluted product or large quantities of it to reach ground water, waterways or sewage system.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

*Dispose of according to official national and local regulations.
Must not be disposed together with household garbage.*

European Waste Code (EWC):

Uncleaned packaging:

*Dispose of according to official local regulations.
Non contaminated packaging can either be recycled or utilized for energy (incineration).*

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA 1263

14.2. UN Proper Shipping Name

ADR/RID: FARBE (Kohlenwasserstoffe)

IMDG/IATA: PAINT (Hydrocarbons)

14.3. Transport Hazard Classes

ADR Class: 3

Hazard no.: 3

Classification code: F1

Tunnel restriction code: D/E

IMDG Class (sea): 3

Hazard no.: 3

EmS No.: F-E, S-E

IATA Class: 3

Hazard no.: 3

14.4. Packaging Group

ADR/RID: II

IMDG: II

IATA: II

14.5. Environmental Hazards

None

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14. 6. Special Precautions for User

Warning: Inflammable liquids.

14. 7. Maritime Transport in Bulk according to IMO Instruments

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:

1, slightly hazardous for water (according to the German Regulation AwSV)

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 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 therefore not be construed as guaranteeing specific properties.