

# Safety Data Sheet

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



## 62801 Wax Mixture MB

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Revised edition: 12.11.2020

Version: 2

Printed: 16.11.2020

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

#### 1.1. Product Identifier

*Product Name:* Wax Mixture MB

*Article No.:* 62801

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

*Identified uses:*

*Artists supplies*

*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 solids, hazard category 2  
Hazardous to the aquatic environment, acute category 4*

H228 Flammable solid.

Cat.: 2

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:*

Flammable solid.

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H228

H413

EUH066

May cause long lasting harmful effects to aquatic life.

Repeated exposure may cause skin dryness or cracking.

### Safety designation:

P210

Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.

P241

Use explosion-proof electrical/ventilating/lighting equipment.

P331

Do not induce vomiting.

P403+P235

Store in a well ventilated place. Keep cool.

P501

Dispose of contents/ container according to regional, national and international regulations.

### Hazardous components for labelling:

#### 2.3. Other Hazards

### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

### Chemical Characterization:

Cosmoloid H 80 dissolved in Shellsol T

### Information on Components / Hazardous Ingredients:

Hydrocarbons, C11-C12, Isoalkanes, < 2 %

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.*

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*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:*

*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.*

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## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Foam, carbon dioxide (CO<sub>2</sub>), 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.*

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## 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:*

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

*Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.*

### 6. 4. Reference to other Sections

*Dispose of contaminated material according to Section 13.*

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## 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 ignition - do not smoke.*

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

*Storage class:*

*4.1 B; flammable solids (TRGS 510)*

*Further Information:*

*Maximum storage temperature: < 40°C*

### 7. 3. Specific End Use(s)

*Further information:*

*No information available.*

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## 8. Exposure Controls/Personal Protection

### 8. 1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*TRGS 900*

*Hydrocarbons, C11-C14, Isoalkanes, <2% Aromatics: TWA 600*

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*mg/m<sup>3</sup>*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*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), 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.*

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form:* *paste*

*Color:* *whitish*

*Odor:* *characteristic*

*Odor threshold:*  
*No information available.*

*pH-Value:*  
*not available*

*Melting temperature:* *< -20°C (solvent)*

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<i>Boiling temperature:</i>	<i>179 - 191°C (solvent)</i>
<i>Flash point:</i>	<i>59°C (solvent)</i>
<i>Evaporation rate:</i>	<i>not determined</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 applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>not available</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>no information available</i>
<i>Auto-ignition temperature:</i>	<i>&gt; 200°C (solvent)</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not available</i>
<i>Explosive properties:</i>	<i>not applicable</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	<i>not applicable</i>

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

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### 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

*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

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### 11. Toxicological Information

#### 11.1. Information on Toxicological Effects

*Acute Toxicity*

*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/m<sup>3</sup> (4h, rat; vapor)*

*Primary effects*

*Irritant effect on skin:*

*Non irritating*

*Irritant effect on eyes:*

*Non-irritating to eyes*

*Inhalation:*

*Avoid the inhalation of vapors above the recommended exposure level.*

*Ingestion:*

*No information available*

*Sensitization:*

*No sensitizing effects known.*

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*Mutagenicity:*

*Not mutagenic.*

*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.*

*Additional toxicological information:*

*Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis.*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Hydrocarbons, C11-C12, Isoalkanes, <2% aromatics:*

*Fish toxicity:*

*LL50: > 1000 mg/l (48h, fish)  
LL50 (Chronic): > 1000 mg/l (24h, fish)*

*Daphnia toxicity:*

*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

*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. Other Adverse Effects

*Water hazard class:*

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

*Behaviour in sewage systems:*

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*Further ecological effects:*

*AOX Value:*

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### 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.  
Uncontaminated packaging may be recycled. Completely empty  
packaging can be disposed of with the regular waste.*

*Waste Code No.:*

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### 14. Transport Information

#### 14.1. UN Number

*ADR, IMDG, IATA* 3175

#### 14.2. UN Proper Shipping Name

*ADR/RID:* FESTE STOFFE (Kohlenwasserstoffe)

*IMDG/IATA:* SOLIDS (Hydrocarbons)

#### 14.3. Transport Hazard Classes

*ADR Class:* 4.1

*Hazard no.:* 4.1

*Classification code:* F1

*Tunnel restriction code:* E

*IMDG Class (sea):* 4.1

*Hazard no.:* 4.1

*EmS No.:* F-A, S-I

*IATA Class:* 4.1

*Hazard no.:* 4.1

#### 14.4. Packaging Group

*ADR/RID:* II

*IMDG:* II

*IATA:* II

#### 14.5. Environmental Hazards

None

#### 14.6. Special Precautions for User

*Warning: Inflammable liquids.*

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14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code  
*not applicable*

14.8. Further Information

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### 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)*

*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

*VOC Content: 50 %*

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### 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.*