

Safety Data Sheet

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



62620 Microwax

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Revised edition: 01.04.2021

Version: 3.0

Printed: 28.03.2022

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

1.1. Product Identifier

Product Name: Microwax

Article No.: 62620

UFI:

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

Identified uses:
Industrial application

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)

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

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:

2.3. Other Hazards

3. Composition/Information on Ingredients

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3. 1. Substance

3. 2. Mixture

Chemical Characterization: Micro-crystalline wax.

Information on Components / 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:

No special measures required.

After skin contact:

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. In case of discomfort seek medical help.

After ingestion:

Do not induce vomiting.

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

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.

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Further information:

Cool exposed containers with water spray.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid contact with skin, eyes and clothing.

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 formation of dust.

Hygienic measures:

Keep away from foodstuffs and drinks.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store containers in a well ventilated location.

Protect from direct exposure to light.

Protect against heat and direct sunlight.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Product can form an explosive dust mixture under certain conditions.

Keep away from sources of ignition.

Storage class:

11; Combustible solids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

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8.1. Parameters to be Controlled

Parameters to be controlled (DE):

No occupational exposure limits known.

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

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. Do not inhale vapor/dust.

Respiratory protection:

In case of formation aerosols or mist: mask with filter type A2, A2/P2, ABEK.

Hand protection:

Preventive skin protection is recommended. Skin protection cream recommended

Protective glove material:

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: solid

Color: white

Odor: weak, characteristic

Odor threshold: no information available

pH-Value: not available

Melting temperature: not available

Boiling temperature: not applicable

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<i>Flash point:</i>	> 200°C
<i>Evaporation rate:</i>	No information available.
<i>Flammability (solid, gas):</i>	not available
<i>Upper explosion limit:</i>	no information available
<i>Lower explosion limit:</i>	no information available
<i>Vapor pressure:</i>	not determined
<i>Vapor density:</i>	No information available.
<i>Density:</i>	not available
<i>Solubility in water:</i>	insoluble
<i>Coefficient of variation (n-Octanol/Water):</i>	no information available
<i>Auto-ignition temperature:</i>	not applicable
<i>Decomposition temperature:</i>	No data available.
<i>Viscosity, dynamic:</i>	< 100 mPas (120°C)
<i>Explosive properties:</i>	not applicable
<i>Oxidizing properties:</i>	no information available

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further 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**
Unknown.
- 10.4. **Conditions to Avoid**
Conditions to avoid:
No information available.
Thermal decomposition:
- 10.5. **Incompatible Materials**
Strong oxidizing agents.
- 10.6. **Hazardous Decomposition Products**
None if stored and handled according to specifications.
- 10.7. **Further Information**
-

11. Toxicological Information

11. 1. Information on Toxicological Effects

Acute Toxicity

LD50, oral: > 2000 mg/kg

LD50, dermal: > 2000 mg/kg

LC50, inhalation:
No information available.

Primary effects

Irritant effect on skin:
No irritant effect known.

Irritant effect on eyes:
No irritant effect known.

Inhalation:
No irritant effect known.

Ingestion:

Sensitization:
No sensitizing effects known.

Mutagenicity:
No relevant data found.

Reproductive toxicity:
No relevant data found.

Carcinogenicity:
No relevant data found.

Teratogenicity:

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No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

No information available.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

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

No data available.

12.6. Other Adverse Effects

Water hazard class:

*1 (German Regulation) (Assessment by list): slightly hazardous.
Do not let product contaminate 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.

European Waste Code (EWC):

Uncleaned packaging:

Dispose of according to official local regulations.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

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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:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

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:

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

Local regulations on chemical accidents:

Seveso III: does not apply

Employment restrictions:

Restriction and prohibition of application:

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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.