

SAFETY DATA SHEET

acc. to Regulation (EC) No. 1907/2006

Trade name: ROMONTA N

Revision date: 21.05.2026

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: ROMONTA N

CAS No.: 8002-53-7

EC No.: 232-313-5

REACH registration number: Not required; the substance is exempted from registration according to Annex V of Regulation (EC) No 1907/2006 (REACH).

Unique Formula Identifier (UFI): Not applicable, as the product is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP).

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use:

Intermediate for industrial processes

- wax bleaching
- preservative agents and polishes
- elastomer and plastic processing
- bitumen and asphalt processing
- hydrophobing agents
- lubricants
- aqueous dispersions
- carbon paper ink compounds
- additive
- preparation of compounds
- processing aid

Uses advised against:

- food/ food packaging
- animal feed
- cosmetics
- toys/ consumer articles
- medicinal products

1.3. Details of the supplier of the safety data sheet

ROMONTA Holding GmbH
OT Amsdorf
Chausseestraße 1
06317 Seegebiet Mansfelder Land
Germany

1.4. Emergency telephone number

Tel.: +49 (0) 34601 40-444
Available 24 hours, German and English language

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The substance is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2. Label elements

No labelling elements are required according to Regulation (EC) No 1272/2008.

2.3. Other hazards

The substance does not meet the criteria for PBT or vPvB according to Annex XIII of Regulation (EC) No 1907/2006. No other hazards are known.

The general protective and hygienic measures for handling chemicals must be observed; the information provided in this safety data sheet must be followed.

SECTION 3: Composition / information on ingredients

3.1. Substances

Chemical identity and characterisation:

Substance: Montan wax, fossil plant wax, UVCB

REACH registration number: Not required; the substance is exempted from registration according to Annex V of Regulation (EC) No 1907/2006 (REACH).

3.2. Mixtures

This product is a substance.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

There is a risk of burns when the product is processed in a hot state. Seek medical advice if symptoms occur or in case of doubt.

After inhalation

Dust may irritate the respiratory tract. Inhalation of vapours, smoke or gases that may be formed at elevated temperatures may cause respiratory irritation. Move the affected person to fresh air. If symptoms persist, seek medical attention.

After skin contact

Rinse contaminated skin with plenty of water. Remove contaminated clothing and shoes. If symptoms occur, seek medical advice. Wash clothing before reuse. Clean shoes thoroughly before reuse.

In case of contact with hot product, provide first aid according to the degree of burn. Cool the affected area with cool water. Do not pull solidified product off the skin. Remove clothing only if it is not adhering to the skin. Cover affected areas with a sterile burn dressing and arrange for medical treatment.

After eye contact

Foreign particles may cause mechanical irritation. Remove particles where possible. Rinse the eye thoroughly under running water with the eyelids held open. If symptoms persist, seek medical advice.

After ingestion

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After ingestion

Rinse mouth with water. Ingestion of larger quantities may cause stomach discomfort. Give water to drink. If nausea occurs, do not give any more water, as vomiting may be hazardous. Do not induce vomiting unless expressly instructed to do so by medical personnel. If symptoms occur, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Typical symptoms and effects are not known. Seek medical advice if the symptoms persist.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician:

According to the information available, the product is non-toxic and insoluble in water. Treat symptomatically. No further additional information is available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing means: Heavy or medium-expansion foam, dry extinguishing agents.
Extinguishing measures should be appropriate to the surrounding fire.

Unsuitable extinguishing means: water

5.2. Special hazards arising from the substance or mixture

In case of thermal decomposition or fire, harmful smouldering gases may be formed. These gases may form explosive mixtures with air. Do not inhale fire gases. Take precautionary measures against electrostatic discharge.

5.3. Advice for firefighters

Enter the danger area only with suitable self-contained breathing apparatus and firefighters' protective clothing. Do not allow extinguishing water to enter the sewage system. Fire residues and contaminated extinguishing water must be disposed of in accordance with local official regulations.

Avoid skin contact by wearing suitable protective clothing and maintaining an adequate safety distance.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Remove sources of ignition.
Observe personal protective measures and protective equipment according to Section 8.

6.2. Environmental precautions

Do not allow the product to enter the sewage system or surface waters.

6.3. Methods and material for containment and cleaning up

Take up the product mechanically and send it for recovery or disposal.
Allow hot, liquid product to solidify and collect it in suitable, clean containers for reuse or disposal.

When disposing of waste or contaminated material, observe waste legislation; see Section 13.

6.4. Reference to other sections

Observe the protective measures described in Section 8. For disposal information, see Section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe the usual precautions for handling chemicals, see Section 8.

Keep away from sources of ignition. Take precautionary measures against electrostatic discharge. Avoid dust formation and dust dispersion.

During processing, combustible fine dust may be formed and accumulated. Dispersed dust may form explosive mixtures with air. Deposited combustible dust may present an explosion hazard. Take appropriate protective measures against dust explosions.

Ensure good ventilation at the workplace. Suitable extraction and ventilation systems should be provided at processing machines.

Waxes act as lubricants; there is a risk of slipping.

The product is combustible.

Do not ingest.

Keep away from food, drink and animal feed.

Keep out of reach of children.

Use only for the intended applications.

Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Store in a dry place at room temperature.

Avoid direct sunlight, heat, moisture, water and other harmful influences.

Do not store together with food or animal feed.

Do not store together with strong oxidising agents.

Storage class:

11, combustible solids

Fire class:

B, fires involving liquids or substances becoming liquid

7.3. Specific end use(s)

There is a risk of burns when handling the hot, liquid product.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Occupational exposure limits and/or biological limit values:

General dust limit according to TRGS 900:

- alveolar fraction (A dust): 1.25 mg/m³

- inhalable fraction (E dust): 10 mg/m³

8.2. Limitation and monitoring of the exposure / Personal protective equipment

Exposure at the workplace should be controlled by suitable technical and organisational measures.

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8.2.1. Appropriate technical control devices

Technical measures and suitable working procedures should take priority over the use of personal protective equipment.

Ensure good ventilation. This may be achieved by local exhaust ventilation or general room ventilation.

8.2.2. Individual protective measures, for example personal protective equipment

General protective and hygienic measures:

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work. Wear suitable protective clothing. Do not inhale dust. Wash hands before breaks. Remove contaminated clothing. After contact, clean affected skin areas with water and soap or use a suitable skin cleanser. Do not use organic solvents.

Eye/face protection:

Wear face protection when handling hot wax.

Skin/body protection:

Wear protective gloves made of nitrile rubber. When handling hot wax, wear heat-resistant protective gloves and suitable protective clothing. Wear suitable footwear, preferably antistatic safety shoes. Waxes act as lubricants; there is a risk of slipping.

Respiratory protection:

In case of dust formation, wear suitable respiratory protection, e.g. particle filter P1. In case of thermal processing and possible formation of vapours or fumes, use suitable respiratory protection.

8.2.3. Limitation and supervision of environmental exposure

For information on environmental exposure controls, see Sections 6, 7 and 12.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General information:

Shape: granules
Colour: Brownish black
Odour: Weak specific odour
Particle size: 0.16–2.00 mm, min. 95 %

Safety-relevant data:

Parameter	Value	Unit	Method
Solidification point:	75 - 80	°C	DGF M-III 4a
Flash point:	> 200	°C	-
Ignition temperature:	> 300	°C	-
Density range (20°C):	1,00 - 1,04	g/cm ³	DGF M-III 2
pH value:	n.d.	-	-
Viscosity at 90 °C:	45 - 110	mPas	DGF M-III 8
Solubility in water:	not soluble		

Explosion limits:

Lower explosion limit: Wax dust / Powder: > 15 g/m³

Upper explosion limit: Wax dust / Powder: > 1000 g/m³

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9.2. Other information

No further physical or chemical information is available. For information on safe handling, see Section 7.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactivity known.

10.2. Chemical stability

The product is stable under normal conditions and when handled and stored in accordance with Section 7.

10.3. Possibility of hazardous reactions

No hazardous reactions are expected when used as intended.

10.4. Conditions to be avoided

Keep away from sources of ignition, open flames and fire. Take precautionary measures against electrostatic discharge. Avoid dust formation and dust dispersion. Avoid excessive heating.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

In case of combustion, carbon monoxide, carbon dioxide and combustible organic decomposition products may be formed; see Section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes within the meaning of Regulation (EC) No 1272/2008

Toxicity tests

Acute toxicity:

- LD₅₀ oral for rats > 2000 mg/kg (48 h)

Skin irritation:

- epicutaneous patch test acc. to JADASSOHN: No irritating effects.
- Human Skin Model Test (OECD 431): No irritating effects.

Eye irritation:

- HET-CAM Test (OECD 405): No irritating effects.

Sensitization:

- LOCAL LYMPH NODE ASSAY (LLNA): Not sensitizing to the skin.

Mutagenicity:

- Bacterial Reverse Mutation Test (OECD 471 and EU B.13/14): Non-mutagenic.

Practical experience:

Based on the long-term experience gained by us and the information in hand, the product has no harmful effect on health, when handled properly.

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Additional toxicological information:

According to our experience and the information available to us, no adverse health effects are expected when the product is handled properly and used as intended. The product is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP).

11.2. Information on other hazards

Endocrine-disrupting properties:

The substance does not contain components with endocrine-disrupting properties according to the criteria set out in Regulations (EU) 2017/2100 and (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

- LC₅₀ fish: > 150 mg/l in 96 h
- 24h- and 48h-EC_{50i} (OECD 202 resp. EU C.2):

24h-NOEC =	100 mg/l
48h-NOEC =	100 mg/l
24h-EC _{50i} >	100 mg/l
48h-EC _{50i} >	100 mg/l

12.2. Persistence and degradability

CO₂ Evolution Test (OECD 301B resp. EU C.4.C):

The product is not readily biodegradable, but is potentially biodegradable.

12.3. Bioaccumulation potential

No data available.

12.4. Mobility in soil

The product is generally insoluble in water.

For further information on physical and chemical properties, see Section 9.

12.5. Results of PBT and vPvB assessments

The substance and the components of the mixture do not meet the criteria for classification as PBT or vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

12.6. Endocrine-disrupting properties

The product does not contain substances with endocrine-disrupting properties according to the criteria set out in Regulations (EU) 2017/2100 and (EU) 2018/605.

12.7. Other adverse effects

No further adverse effects on the environment are known.

Additional information:

Based on the current state of knowledge, no adverse ecological effects are expected when the product is handled properly and used as intended. National laws and local environmental protection regulations must be observed.

The product can be mechanically removed from wastewater.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

The waste producer is responsible for disposing of the product in accordance with its specific use, industry and process, in consultation with the local waste disposal contractor and in compliance with local and national regulations.

Contaminated packaging must be disposed of in consultation with the local waste disposal contractor and in compliance with local and national regulations.

Within the EU, the waste producer must assign a waste code according to the European List of Waste, taking into account the specific use and process of generation.

SECTION 14: Transport information

Transport must be carried out in accordance with ADR for road transport, RID for rail transport, IMDG for sea transport and ICAO/IATA for air transport.

14.1. UN number or ID number

Not classified as dangerous goods.

14.2. UN proper shipping name

Not classified as dangerous goods.

14.3. Transport hazard class(es)

Not classified as dangerous goods.

14.4. Packing group

Not classified as dangerous goods.

14.5. Environmental hazards

Not classified as dangerous goods.

14.6. Special precautions for users

See section 6 to 8.

14.7. Carriage in bulk by sea in accordance with IMO instruments

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific to the substance or mixture

EU regulations

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:

Not applicable.

Regulation (EU) 2019/1021 on persistent organic pollutants:

Not applicable.

Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals:

Not applicable.

Regulation (EU) No 528/2012 concerning biocidal products:

Not applicable.

The product does not contain substances listed in Annex XIV of Regulation (EC) No 1907/2006 (REACH).

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No restrictions according to Annex XVII of Regulation (EC) No 1907/2006 (REACH) apply to the product.

The product is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP).

National regulations

Water hazard class:

Not hazardous to water; classification according to AwSV, Annex 1.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for this substance.

SECTION 16: Other information

Additional information:

The information is based on our current state of knowledge and experience. It serves to describe the product with regard to safety requirements and does not constitute a guarantee of product properties. It does not establish any contractual legal relationship.

The recipient/user of our products is solely responsible for observing applicable laws and regulations.

Abbreviations used and acronyms:

n.d. not determinable
PBT persistent and bioaccumulative and toxic
vPvB very persistent, very bioaccumulative