

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Rev. 2015-01

1. Identification of the substance/preparation and of the company/undertaking

Information on the product

Trade name: Majesthetik-Separator

Company/undertaking identification:

Deltamed GmbH
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D-61169 Friedberg

Telephone-No. + 49 6031 72830
Fax-No. + 49 6031 728329

Responsible Department:

picodent GmbH
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2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2

H225 Highly flammable liquid and vapour.



GHS08 health hazard

Asp. Tox. 1

H304 May be fatal if swallowed and enters airways.



GHS09 environment

Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2
STOT SE 3

H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R65:

Harmful: may cause lung damage if swallowed.

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Xi; Irritant

R38:

Irritating to skin.



F; Highly flammable

R11:

Highly flammable.



N; Dangerous for the environment

R51/53:

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67:

Vapours may cause drowsiness and dizziness.

Information concerning particular hazards for human and environment:

Contact with skin and inhalation of aerosols/ vapours of the preparation should be avoided.

Degrease of skin caused by contact with solvent.

The product has to be labelled due to the calculation procedure of the „General Classification guideline for preparations of the EU“ in the latest valid version.

Has a narcotising effect.

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Classification system:

Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS07 GHS08 GHS09

Signal word

Danger

Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light

Hazard statements

H225

Highly flammable liquid and vapour.

H315

Causes skin irritation.

H336

May cause drowsiness or dizziness.

H304

May be fatal if swallowed and enters airways.

H411

Toxic to aquatic life with long lasting effects.

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Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
 Rinse skin with water/shower.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

Other hazards



Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

3. Composition/information on ingredients

Chemical characterisation: Mixtures
Description: Dispersion of wax in a solvent mixture

Dangerous components:

CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	50-100%
EINECS: 265-151-9	 Xn R65;  Xi R38;  F R11;  N R51/53 R67  Flam. Liq. 2, H225;  Asp. Tox. 1, H304;  Aquatic Chronic 2, H411;  Skin Irrit. 2, H315; STOT SE 3, H336	
CAS: 64742-48-9	Naphta (Erdöl), mit Wasserstoff behandelte, schwere	2.5-10%
EINECS: 265-150-3	 Xn R65 R10-66-67  Flam. Liq. 3, H226;  Asp. Tox. 1, H304;  STOT SE 3, H336	
CAS: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	2.5-10%
EINECS: 232-315-6	substance with a Community workplace exposure limit	

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First aid measures

Description of first aid measures

General information: Immediately remove any clothing soiled by the product.
After inhalation: In case of unconsciousness place patient stably in side position for transportation.
 Supply fresh air and to be sure call for a doctor.
After skin contact: Immediately wash with water and soap and rinse thoroughly.
 If skin irritation continues, consult a doctor.
After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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After swallowing:	Do not induce vomiting. If swallowed or in case of vomiting, danger of entering the lungs. Call for a doctor immediately.
Most important symptoms and effects, both acute and delayed	Headache Disziness Vomitus Tiredness
Indication of any immediate medical attention and special treatment needed	If swallowed, gastric irrigation with added, activated carbon. If swallowed or in case of vomiting, danger of entering the lungs.

5. Fire-fighting measures

Extinguishing media Suitable extinguishing agents: For safety reasons unsuitable extinguishing agents:	CO ₂ , sand, extinguishing powder. Do not use water. Water Water with full jet
Special hazards arising from the substance or mixture	Sooting by combustion. In case of fire, the following can be released: Carbon monoxide and carbon dioxide Hydrocarbons Smoke
Advice for firefighters Protective equipment:	Wear self-contained respiratory protective device.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear protective equipment. Keep unprotected persons away. Avoid contact with skin and eyes. Do not breathe vapour/spray.
Environmental precautions:	Prevent seepage into sewage system, workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents
Reference to other sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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7. Handling and storage

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

Conditions for safe storage, including any incompatibilities Storage: Requirements to be met by storerooms and receptacles:

Protect from heat and direct sunlight.
Store between 15 °C and 30 °C. Store at a well ventilated place.

Information about storage in one common storage facility: Further information about storage conditions:

Not required.
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
No further relevant information available.

Specific end use(s)

8. Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace: 8002-74-2 Paraffin waxes and Hydrocarbon waxes

WEL Short-term value: 6 mg/m³
Long-term value: 2 mg/m³

Additional information:

The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:



Protective gloves

Protective gloves should be changed regularly, especially after intensive contact with the product.

For every workplace a suitable type of protective gloves must be selected. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Nitrile rubber, NBR (0,4 mm)

As there are many different conditions in every day work these indications can only serve as an aid to orientation for the selection of suitable gloves for the handling of chemical products. By no means they can replace qualifying examinations by the end-user.

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These recommendations only apply to the product mentioned in the safety data sheet. When mixing with other substances or under conditions deviant from norm EN 374 a manufacturer of CE-approved gloves should be referred to.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye protection:
Body protection:



Tightly sealed goggles
Protective work clothing

9. Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid
Colour: Colourless

Cloudy

Odour:

Characteristic

Odour threshold:

Not determined.

pH-value:

Not determined.

Change in condition

Melting point/Melting range: < -30 °C

Boiling point/Boiling range: > 100 °C

Flash point:

-6 °C

Flammability (solid, gaseous):

Not applicable.

Ignition temperature:

240 °C

Decomposition temperature:

Not determined.

Self-igniting:

Product is not selfigniting.

Danger of explosion:

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower: 1.1 Vol %

Upper: 7.5 Vol %

Oxidising properties

Not determined

Vapour pressure at 20 °C:

35 hPa

Density at 20 °C:

0.74 g/cm³ (DIN 51757)

Relative density

Not determined.

Vapour density

Not determined.

Evaporation rate

Not determined.

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Solubility in / Miscibility with water: Not miscible or difficult to mix.
Partition coefficient (n-octanol/water): Not determined.
Viscosity:
Dynamic: Not determined.
Kinematic at 23 °C: < 7 mm²/s (3 EN ISO 2431)

Other information No further relevant information available.

10. Stability and reactivity

Reactivity No dangerous reactions if used according to specifications.
Chemical stability Stable if used according to specifications.
Thermal decomposition / conditions to be avoided: Protect from heat and direct sunlight.
Possibility of hazardous reactions Reacts with strong oxidising agents.
Conditions to avoid No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: Hydrocarbons

11. Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

64742-49-0 Naphtha (petroleum), hydrotreated light

Oral LD50 > 2000 mg/kg mg/kg (rat)
Dermal LD50 > 2000 mg/kg mg/kg (rabbit)
Inhalative LC50/4 h > 20 mg/l (rat)

Primary irritant effect:

on the skin:

on the eye:

Sensitisation:

Additional toxicological information:

Irritant to skin and mucous membranes.
No irritant effect.
No sensitising effects known.
Degrease of skin caused by repeated skin contact.
Vapours have narcotic effect.
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Note P
This product contains < 0.1% benzene.
The classification as carcinogen or mutagen is not required.

12. Ecological information

Toxicity

Aquatic toxicity:

The product is swimming on water and evaporates easily from water surface.

Persistence and degradability

Bioaccumulative potential

No further relevant information available.
No further relevant information available.

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Mobility in soil	No further relevant information available.
Ecotoxicological effects:	
Remark:	Toxic for fish
Additional ecological information:	
General notes:	Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms
Results of PBT and vPvB assessment	
PBT:	Not applicable.
vPvB:	Not applicable.
Other adverse effects	No further relevant information available.

13. Disposal considerations

Waste treatment methods	
Recommendation	Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations. 120107
Waste disposal key:	
Uncleaned packaging:	
Recommendation:	Disposal must be made according to official regulations.

14. Transport information

UN-Number	UN3295
ADR, IMDG, IATA	
UN proper shipping name	3295 KOHLENWASSERSTOFFE, FLÜSSIG, N.A.G. (Dampfdruck bei 50 °C höchstens 110 kPa)
ADR	HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light)
IMDG	HYDROCARBONS, LIQUID, N.O.S.
IATA	

Transport hazard class(es)

ADR, IMDG



Class 3 Flammable liquids.
Label 3

IATA



Class 3 Flammable liquids.
Label 3

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**Packing group
ADR, IMDG, IATA**

II

**Environmental hazards:
Marine pollutant:**

Yes
Symbol (fish and tree)

Special marking (ADR):

Symbol (fish and tree)

**Special precautions for user
Danger code (Kemler):
EMS Number:**

Warning: Flammable liquids.
33
F-E,S-D

**Transport in bulk according to Annex II
of MARPOL73/78 and the IBC Code**

Not applicable.

**Transport/Additional information:
ADR**

**Limited quantities (LQ)
Excepted quantities (EQ)**

1L
Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

**Transport category
Tunnel restriction code**

2
D/E

IMDG

**Limited quantities (LQ)
Excepted quantities (EQ)**

1L
Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

UN „Model Regulation“:

UN3295, HYDROCARBONS, LIQUID, N.O.S.
(vapour pressure at 50 °C not more than 110 kPa),
ENVIRONMENTALLY HAZARDOUS, 3, II

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations:

Technical instructions (air):

Class	Share in %
NK	50-100

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
R10	Flammable.
R11	Highly flammable.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
Asp. Tox. 1: Aspiration hazard, Hazard Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2