

# 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  
Raiffeisenstraße 16  
D-61169 Friedberg

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

### Responsible Department:

picodent GmbH  
Lüdenscheider Str. 24-26  
D-51688 Wipperfürth

www.picodent.de  
Telephone-No. +49 2267 6580-0  
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### Emergency telephone:

picodent GmbH, Wipperfürth

Telephone-No. +49 2267 6580-0

## 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.

# Safety Data Sheet

according to regulation (EU) No. 1907/2006

**Trade name:** Majesthetik-Separator



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.

# Safety Data Sheet

according to regulation (EU) No. 1907/2006

**Trade name:** Majesthetik-Separator

## 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

<b>PBT:</b>	Not applicable.
<b>vPvB:</b>	Not applicable.

## 3. Composition/information on ingredients

<b>Chemical characterisation:</b>	Mixtures
<b>Description:</b>	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	

<b>Additional information:</b>	For the wording of the listed risk phrases refer to section 16.
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## 4. First aid measures

### Description of first aid measures

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

# Safety Data Sheet

according to regulation (EU) No. 1907/2006

**Trade name:** Majesthetik-Separator

**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  
Vomit  
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<sub>2</sub>, 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.

**Environmental precautions:**

Do not breathe vapour/spray.  
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.

**Reference to other sections**

Do not flush with water or aqueous cleansing agents  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

# Safety Data Sheet

according to regulation (EU) No. 1907/2006

Trade name: Majesthetik-Separator

## 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/m<sup>3</sup>  
Long-term value: 2 mg/m<sup>3</sup>

### 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.

# Safety Data Sheet

according to regulation (EU) No. 1907/2006

**Trade name:** Majesthetik-Separator

## Penetration time of glove material

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.

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/cm<sup>3</sup> (DIN 51757)

#### Relative density

Not determined.

#### Vapour density

Not determined.

#### Evaporation rate

Not determined.

# Safety Data Sheet

according to regulation (EU) No. 1907/2006

**Trade name:** Majesthetik-Separator

**Solubility in / Miscibility with water:**  
**Partition coefficient (n-octanol/water):**

Not miscible or difficult to mix.  
Not determined.

**Viscosity:**

**Dynamic:**

Not determined.

**Kinematic at 23 °C:**

< 7 mm<sup>2</sup>/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:**

Irritant to skin and mucous membranes.

**on the eye:**

No irritant effect.

**Sensitisation:**

No sensitising effects known.

**Additional toxicological information:**

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**

No further relevant information available.

**Bioaccumulative potential**

No further relevant information available.

# Safety Data Sheet

according to regulation (EU) No. 1907/2006

**Trade name:** Majesthetik-Separator

**Mobility in soil**

No further relevant information available.

**Ecotoxical 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.

**Waste disposal key:**

Disposal must be made according to official regulations.  
120107

**Uncleaned packaging:**

**Recommendation:**

Disposal must be made according to official regulations.

## 14. Transport information

**UN-Number**

**ADR, IMDG, IATA**

UN3295

**UN proper shipping name**

**ADR**

3295 KOHLENWASSERSTOFFE, FLÜSSIG,  
N.A.G. (Dampfdruck bei 50 °C höchstens 110 kPa)  
HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum),  
hydrotreated light)  
HYDROCARBONS, LIQUID, N.O.S.

**IMDG**

**IATA**

**Transport hazard class(es)**

**ADR, IMDG**



**Class  
Label**

3 Flammable liquids.  
3

**IATA**



**Class  
Label**

3 Flammable liquids.  
3



# Safety Data Sheet

according to regulation (EU) No. 1907/2006

**Trade name:** Majesthetik-Separator

**Packing group**  
**ADR, IMDG, IATA**

II

**Environmental hazards:**  
**Marine pollutant:**

Yes  
Symbol (fish and tree)  
Symbol (fish and tree)

**Special marking (ADR):**

**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.

# Safety Data Sheet

according to regulation (EU) No. 1907/2006

**Trade name: Majesthetik-Separator**

## 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