

**! SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Name of product Mould Release Agent Wax P 500
Code-Nr. 106045

1.2. Relevant identified uses of the substance or mixture and uses advised against**Recommended intended purpose(s)**

Release Agents

1.3. Details of the supplier of the safety data sheet**Distributor**

WEICON GmbH & Co. KG
Königsberger Str. 255, DE-48157 Münster
Postbox 48045, DE-8460 Münster
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 244
E-Mail : msds@weicon.de
Internet : www.weicon.de

Advice

Produktsicherheit / Product-Safety-Department
Phone ++49(0)251 / 9322 - 0
E-mail (competent person):
msds@weicon.de

1.4. Emergency telephone number

GIZ Bonn (German, English) Tel: ++49(0)228-19 240
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178
433 7434 (24h Emergency Contact)

Manufacturer

WEICON GmbH & Co. KG
Königsberger Str. 255, DE-48157 Münster

1.4. Emergency telephone number**Emergency advice**

-
Phone -
GIZ Bonn (Medizinische Auskunft in Deutsch und Englisch)
Tel: ++49(0)228-19 240
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178
433 7434 (24h Emergency Contact)

! SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****! Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Flam. Sol. 1	H228	
STOT SE 3	H336	
Aquatic Chronic 3	H412	

Hazard Statements

H228	Flammable solid.
H336	May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS02



GHS07

! Signal word

Danger

Hazard Statements

H228 Flammable solid.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P370 + P378 In case of fire: Use dry sand to extinguish.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container to hazardous or special waste collection point.

! Hazardous ingredients for labeling

Naphtha (petroleum), hydrotreated heavy

Supplemental Hazard information (EU)

Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

! Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

! SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 08.01.2016

revision 17.12.2014 (GB) Version 8.1

Mould Release Agent Wax P 500

! Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
64742-48-9	919-857-5	Naphtha (petroleum), hydrotreated heavy	50 - 99,9	Flam. Liq. 3, H226 / Asp. Tox. 1, H304 / STOT SE 3, H336
64742-82-1		Naphtha (petroleum), hydrodesulfurized heavy	10 < 25	Flam. Sol. 1, H228 / Asp. Tox. 1, H304 / Aquatic Chronic 2, H411 / STOT SE 3, H336

REACH

CAS No	Name	REACH registration number
64742-48-9	Naphtha (petroleum), hydrotreated heavy	01-2119463258-33

Additional advice

< 0,1% Benzene

! SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In the event of symptoms refer for medical treatment.

! In case of skin contact

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinsing with plenty of lukewarm water carefully and seek for medical treatment.

! In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

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

! Physician's information / possible symptoms

Shortness of breath

vomiting

Headache

Confusion

4.3. Indication of any immediate medical attention and special treatment needed

No information available.

! SECTION 5: Firefighting measures

5.1. Extinguishing media

! Suitable extinguishing media

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

sand

Unsuitable extinguishing media

water

5.2. Special hazards arising from the substance or mixture

May lead to formation of explosive/easily ignitable vapour air mixtures.

In case of fire formation of dangerous gases possible.

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3. Advice for firefighters**! Special protective equipment for fire-fighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Do not inhale explosion and/or combustion gases.

! Additional information

Burns down under strong soot production.

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

! SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****! For non-emergency personnel**

Ensure adequate ventilation.

Keep people away and stay on the upwind side.

Use personal protective clothing.

Keep away sources of ignition.

Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Inform pollution control authorities if product gets into the sewerage systems or open waters.

Do not discharge into the drains or bodies of water..

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

After taking up the material dispose according to regulation.

6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

! SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

! Hygiene measures

At work do not eat, drink, smoke or take drugs.

Remove soiled or soaked clothing immediately.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Vapours can form an explosive mixture with air.



Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store together with oxidizing agents.

! Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Protect from heat and direct solar radiation.

Storage temperature between 10°C to 30°C (=50°F to 86°F).

Store in a dry place.

7.3. Specific end use(s)

! Recommendation(s) for intended use

See section 1.2

! SECTION 8: Exposure controls/personal protection

8.1. Control parameters

! Additional advice

The statutory local and national regulations have to be observed.

8.2. Exposure controls

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Short term: filter apparatus, Filter A/P2

Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile rubber; 0,4mm; 480min;60min.

! Eye protection

tightly fitting goggles

! Other protection measures

protective clothing

Appropriate engineering controls

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

! SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

pasty

Colour

whitish

Odour

characteristic

Odour threshold



not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not determined				
boiling point	> 140 °C			DIN 53171	
melting point	not determined				
Flash point	> 24 °C			closed cup	
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	200 °C			DIN 51794	
Self ignition temperature					The product is not self-igniting.
Lower explosion limit	0,6 Vol-%				
Upper explosion limit	7 Vol-%				
Vapour pressure	5 hPa	20 °C			
Relative density	0,8 g/cm ³	20 °C		ISO 2811	
Vapour density	not determined				
Solubility in water	< 0,1 g/l	20 °C			
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity dynamic	not determined				
Viscosity kinematic	not determined				
Solvent separation test	< 3 %				

Oxidising properties

No information available.

Explosive properties

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .

9.2. Other information

No information available.

! SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

Reactions with oxidising agents.

10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials**! Substances to avoid**

oxidising agent

10.6. Hazardous decomposition products

Smoke.

Carbon monoxide and carbon dioxide.

Hydrocarbons

Thermal decomposition

Remark No decomposition if used as directed.

! SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	rat		Calculated out of the components.
LD50 acute dermal	> 2000 mg/kg	rat		Calculated out of the components.
LC50 acute inhalation	> 20 mg/l (4 h)	rat		Calculated out of the components.
Skin irritation	low irritant effect - not necessary to label			
Eye irritation	low irritant - no labeling duty			

Experiences made from practice

Often and long skin contact may cause degreasing and desiccation of the skin which may cause skin irritation.

Long-term skin contact with vapours may cause skin irritation or sensitization.

! Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

**! SECTION 12: Ecological information****12.1. Toxicity****Ecotoxicological effects**

	Value	Species	Method	Validation
Fish	LC50 < 10 mg/l (96 h)	Fish		CAS: 64742-82-1
Daphnia	EC50 < 10 mg/l (48 h)	Daphnia magna		CAS: 64742-82-1
Algae	EC50 < 10 mg/l (72 h)	Green algae		CAS: 64742-82-1

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects**! General regulation**

Harmful to aquatic life with long lasting effects.

Even in the event of low quantities penetration into the underground drinking water is contaminated.

Toxic to fishes.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into the ground water or aquatic environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

! SECTION 13: Disposal considerations**13.1. Waste treatment methods****! Recommendations for the product**

Remove in accordance with local official regulations.

! Recommendations for packaging

Dispose of according to the local waste regulations.

Packaging that cannot be cleaned should be disposed of like the product.

! General information

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	3175	3175	3175
14.2. UN proper shipping name	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy)	Solids containing flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)



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	ADR/RID	IMDG	IATA-DGR
14.3. Transport hazard class(es)	4.1	4.1	4.1
14.4. Packing group	II	II	II
14.5. Environmental hazards	No	No	No
14.6. Special precautions for user	No information available.		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable		
Land and inland navigation transport ADR/RID			
Hazard label(s)	4.1		
tunnel restriction code	E		
Classification code	F1		

! SECTION 15: Regulatory information

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

VOC standard

VOC content 0 %

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

! SECTION 16: Other information

! Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

For industrial use only.

Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.0

H226	Flammable liquid and vapour.
H228	Flammable solid.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.