

**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
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
Fax : +49(0)251 / 9322 - 244
E-mail (competent person):
msds@weicon.de

1.4. Emergency telephone number

EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:
++44 1865 407333 (English)
TRANSPORT EMERGENCY CONTACT - UK, UAE, South
Africa (24h): Tel: ++44 1865 407333 (English)

Manufacturer

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

1.4. Emergency telephone number

GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):
Tel: ++49 69 222 25285 (Deutsch, Englisch)

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	
Skin Irrit. 2	H315	
STOT SE 3	H336	
Aquatic Chronic 3	H412	

Hazard Statements

H228	Flammable solid.
H315	Causes skin irritation.
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.
 H315 Causes skin irritation.
 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 vapours/spray.
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid release to the environment.
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P302 + P352 IF ON SKIN: Wash with plenty of water.
 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.
 P331 Do NOT induce vomiting.
 P332 + P313 If skin irritation occurs: Get medical advice/attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 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

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics, Solvent naphtha (petroleum), light arom. (NOTA P)

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**! Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
64742-49-0	927-241-2	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	50 < 100	Flam. Liq. 3, H226 / Asp. Tox. 1, H304 / STOT SE 3, H336 / Aquatic Chronic 3, H412
64742-95-6	265-199-0	Solvent naphtha (petroleum), light arom. (NOTA P)	10 < 25	Asp. Tox. 1, H304 / STOT SE 3, H335, H336 / Aquatic Chronic 2, H411 / , EUH066 / /

REACH

CAS No	Name	REACH registration number
64742-49-0	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	01-2119471843-32
64742-95-6	Solvent naphtha (petroleum), light arom. (NOTA P)	01-2119455851-35

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**

Cyanosis

Acidosis

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).

Send in suitable containers for recovery or disposal.

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.

Use explosion-proof equipment / fittings and non-sparking tools.

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 animal feedstuffs.

Do not store together with food.

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.

Do not keep at temperatures above 10°C.

Do not keep at temperatures above 30°C.

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

DNEL-/PNEC-values

DNEL worker

CAS No	Substance name	Value	Code	Remark
64742-49-0	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	300 mg/kg bw/day	DNEL long-term dermal (local)	
		1500 mg/m3	DNEL acute inhalative (local)	

! 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.

Gloves (solvent-resistant)

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-%				



	Value	Temperature	at	Method	Remark
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

The product is chemically stable under recommended conditions of storage, use and temperature.

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	3492 mg/kg	rat	OECD 401	CAS: 64742-95-6
LD50 acute dermal	> 3160 mg/kg	rabbit	OECD 402	CAS: 64742-95-6
LC50 acute inhalation	> 5,6 mg/l (4 h)	rat	Aerosol	CAS: 64742-49-0
Skin irritation	irritant			
Eye irritation	low irritant - no labeling duty			
Skin sensitization	non-sensitizing			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Mutagenicity				No experimental information on genotoxicity in vitro available.
Reproduction-Toxicity				No indications of toxic effects were observed in reproduction studies in animals.
Carcinogenicity				No indications of carcinogenic effects are available from long-term trials.

Specific target organ toxicity (single exposure)

May cause drowsiness or dizziness.

Experiences made from practice

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

Experiences at humans: may cause hypersensitivity reactions on skin in case of persons suffering from hypersensitivity.

Additional information

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

Other hazardous properties may not be excluded.

The product has not been tested. The information is derived from the properties of the individual components.



SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 9,2 mg/l (96 h)	Oncorhynchus aquabonita	OECD 203	CAS: 64742-95-6
Daphnia	EC50 3,2 mg/l (48 h)	Daphnia magna	OECD 202	CAS: 64742-95-6
Algae	EC50 2,9 mg/l (72 h)	Pseudokirchneriella subcapitata	OECD 201	CAS: 64742-95-6

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

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 aquatic environment, drains or sewage treatment plants.

The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Remove in accordance with local official regulations.

Dispose of as hazardous waste.

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



Safety Data Sheet according to Regulation (EC)
No. 1907/2006 (REACH)

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Mould Release Agent Wax P 500

	ADR/RID	IMDG	IATA-DGR
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)
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

Transport/further information
Marine pollutant: NO

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: 8.7

EUH066 Repeated exposure may cause skin dryness or cracking.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H335, -?-
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.