



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed

06.01.2016

revision

17.07.2015 (GB) Version 8.3

### Mould Release Agent

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

### 1.1. Product identifier

Name of product

Mould Release Agent

Code-Nr. 154500

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

Recommended intended purpose(s)

Technical Liquids

### 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

Flam. Liq. 2

H225

Skin Irrit. 2

H315

STOT SE 3

H336

Asp. Tox. 1

H304

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

| Hazard classes and Hazard categories | Hazard Statements | Classification procedure |
|--------------------------------------|-------------------|--------------------------|
|--------------------------------------|-------------------|--------------------------|

|                   |      |  |
|-------------------|------|--|
| Aquatic Chronic 2 | H411 |  |
|-------------------|------|--|

**Hazard Statements**

|      |  |
|------|--|
| H225 | Highly 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. |

**2.2. Label elements**

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



GHS02



GHS07



GHS08



GHS09

**Signal word**

Danger

**Hazard Statements**

|      |  |
|------|--|
| H225 | Highly 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. |

**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.             |
| P233               | Keep container tightly closed.   |
| P243               | Take precautionary measures against static discharge.  |
| P261               | Avoid breathing dust/fume/gas/mist/vapours/spray.  |
| P264               | Wash hands thoroughly after handling.  |
| 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.                                 |
| P301 + P330 + P331 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting.   |
| P302 + P352        | IF ON SKIN: Wash with plenty of soap and water.  |
| P303 + P361 + P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| 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.   |
| P332 + P313        | If skin irritation occurs: Get medical advice/attention.   |
| P362               | Take off contaminated clothing.  |
| P370 + P378        | In case of fire: Use foam for extinction.  |
| P391               | Collect spillage.  |
| P403 + P233        | Store in a well-ventilated place. Keep container tightly closed.   |
| P403 + P235        | Store in a well-ventilated place. Keep cool.   |



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### Mould Release Agent

P405 Store locked up.

P501 Dispose of contents/container to hazardous or special waste collection point.

#### Hazardous ingredients for labeling

Naphtha (petroleum), hydrotreated light

#### 2.3. Other hazards

Product has an anesthetic effect.

#### 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

##### Description

Mixture of oil and solvents

##### Hazardous ingredients

| CAS No     | EC No     | Name                                    | [% weight] | Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]                                       |
|------------|-----------|---|------------|--|
| 64742-49-0 | 921-024-6 | Naphtha (petroleum), hydrotreated light | 75 < 100   | Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Aquatic Chronic 2, H411 / Skin Irrit. 2, H315 / STOT SE 3, H336 |

#### REACH

| CAS No     | Name                                    | REACH registration number |
|------------|---|---------------------------|
| 64742-49-0 | Naphtha (petroleum), hydrotreated light | 01-2119475514-35          |

#### Labelling for contents according to regulation (EC) No 648/2004, annex VII

30 % and more aliphatic hydrocarbons

## 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 with soap and water.

Consult a doctor if skin irritation persists.

##### In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

##### In case of ingestion

If swallowed or in case of vomiting, danger of infiltration into the lungs (danger of aspiration).

Do not induce vomiting.

Call for a doctor immediately.



## Mould Release Agent

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

#### Physician's information / possible symptoms

Unconsciousness

Headache

Confusion

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

#### Treatment (Advice to doctor)

If swallowed or in the event of vomiting, risk of entering the lungs.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

### 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.

#### Additional information

Cool endangered containers with water spray jet.

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

Collect contaminated firefighting water separately, must not be discharged into the drains.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

### 6.2. Environmental precautions

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

Do not discharge into the drains/surface waters/groundwater.

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



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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid formation of aerosols.

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.

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 animal feedstuffs.

Do not store together with food.

#### Further information on storage conditions

Protect from direct solar radiation.

Storage temperature may not exceed 50°C (=122°F).

Store container at cool and aired place.

Store in a dry place.

### 7.3. Specific end use(s)

#### Recommendation(s) for intended use

See section 1.2

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## ! 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

Filter A or environment-independent breathing apparatus

In case of insufficient ventilation or long-term effect use breathing apparatus.

#### ! 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: Nitrile rubber

#### Eye protection

tightly fitting goggles

**Mould Release Agent****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**

liquid

**Colour**

light yellow

**Odour**

solvent-like

**Odour threshold**

not determined

**Important health, safety and environmental information**

|  | Value                   | Temperature | at | Method | Remark                            |
|--|-------------------------|-------------|----|--------|-----------------------------------|
| <b>pH value</b>  | not determined          |             |    |        |                                   |
| <b>boiling range</b>                                     | 78 °C                   |             |    |        |                                   |
| <b>melting point</b>                                     | not determined          |             |    |        |                                   |
| <b>Flash point</b>                                       | -9 °C                   |             |    |        |                                   |
| <b>Vapourisation rate</b>                                | not determined          |             |    |        |                                   |
| <b>Flammable (solid)</b>                                 | not applicable          |             |    |        |                                   |
| <b>Flammability (gas)</b>                                | not applicable          |             |    |        |                                   |
| <b>Ignition temperature</b>                              | 200 °C                  |             |    |        |                                   |
| <b>Self ignition temperature</b>                         |                         |             |    |        | The product is not self-igniting. |
| <b>Lower explosion limit</b>                             | 0,8 Vol-%               |             |    |        |                                   |
| <b>Upper explosion limit</b>                             | 7,7 Vol-%               |             |    |        |                                   |
| <b>Vapour pressure</b>                                   | 246 hPa                 | 20 °C       |    |        |                                   |
| <b>Relative density</b>                                  | 0,749 g/cm <sup>3</sup> |             |    |        |                                   |
| <b>Vapour density</b>                                    | not determined          |             |    |        |                                   |
| <b>Solubility in water</b>                               |                         |             |    |        | No or low immiscibility           |
| <b>Solubility/other</b>                                  | not determined          |             |    |        |                                   |
| <b>Partition coefficient n-octanol/water (log P O/W)</b> | not determined          |             |    |        |                                   |
| <b>Decomposition temperature</b>                         | not determined          |             |    |        |                                   |



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|  | Value | Temperature | at | Method | Remark |
|--|-------|-------------|----|--------|--------|
|--|-------|-------------|----|--------|--------|

|                          |                |  |  |  |  |
|--------------------------|----------------|--|--|--|--|
| <b>Viscosity dynamic</b> | not determined |  |  |  |  |
|--------------------------|----------------|--|--|--|--|

|                            |                |  |  |  |  |
|----------------------------|----------------|--|--|--|--|
| <b>Viscosity kinematic</b> | not determined |  |  |  |  |
|----------------------------|----------------|--|--|--|--|

|                        |        |  |  |  |  |
|------------------------|--------|--|--|--|--|
| <b>Solvent content</b> | 83,3 % |  |  |  |  |
|------------------------|--------|--|--|--|--|

**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**

No hazardous reactions known.

**10.4. Conditions to avoid**

Keep away from heat.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products****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 |
|------------------------------|---------------------------------|---------|--------|--------|
| <b>LD50 acute oral</b>       | > 5840 mg/kg                    | rat     |        |        |
| <b>LD50 acute dermal</b>     | > 2920 mg/kg                    | rabbit  |        |        |
| <b>LC50 acute inhalation</b> | > 25 mg/l (4 h)                 | rat     |        |        |
| <b>Skin irritation</b>       | irritant                        |         |        |        |
| <b>Eye irritation</b>        | low irritant - no labeling duty |         |        |        |

**Mould Release Agent**

|  | Value/Validation | Species | Method | Remark |
|--|------------------|---------|--------|--------|
|--|------------------|---------|--------|--------|

**Skin sensitization** non-sensitizing

**Experiences made from practice**

Irritates mucous membranes.

**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 |
|----------------|---------------------------------|---------------------------------|--------|------------|
| <b>Fish</b>    | LL/EL/IL50 11,4 kg/l (96 h)     | Oncorhynchus mykiss             |        |            |
| <b>Daphnia</b> | LL/EL/IL50 3 mg/l (48 h)        | Daphnia magna                   |        |            |
| <b>Algae</b>   | LL/EL/IL50 30 - 100 mg/l (72 h) | Pseudokirchneriella subcapitata |        |            |

**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**

Toxic to aquatic life, fishes and plankton.

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

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****Waste code No.**

07 01 04\*

20 01 13\*

**Name of waste**

other organic solvents, washing liquids and mother liquors

Solvents

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

**Recommendations for the product**

Remove in accordance with local official regulations.

**Recommendations for packaging**

Dispose of according to the local waste regulations.



**Mould Release Agent****SECTION 14: Transport information**

|   | ADR/RID  | IMDG   | IATA-DGR   |
|---|--|--|--|
| <b>14.1. UN number</b>                  | 3295   | 3295   | 3295   |
| <b>14.2. UN proper shipping name</b>    | HYDROCARBONS, LIQUID, N.O.S. (NAPHTHA (PETROLEUM)) | HYDROCARBONS, LIQUID, N.O.S. (NAPHTHA (PETROLEUM)) | Hydrocarbons, liquid, n.o.s. (NAPHTHA (PETROLEUM)) |
| <b>14.3. Transport hazard class(es)</b> | 3  | 3  | 3  |
| <b>14.4. Packing group</b>              | II   | II   | II   |
| <b>14.5. Environmental hazards</b>      | Yes  | Yes  | Yes  |

**14.6. Special precautions for user**

Caution: FLAMMABLE LIQUID

**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) 3

tunnel restriction code D/E

Special provisions 640C

Classification code F1

**Marine transport IMDG**

MARINE POLLUTANT

**Transport/further information**

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

**! SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC standard****VOC content** 83,3 %**VOC value** 623,9 g/L**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.

Danish MAL Code 5-3

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.2



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