

Weicon GmbH

Revision date: 29.12.2009

Revision no.:

1,00

Mould Release Agent liquid different packaging sizes

7619-0109

## **1. Product and Company Identification**

### **Commercial product name**

Mould Release Agent liquid different packaging sizes

### **Further trade names**

15450

### **Chemical characterization ( Mixture )**

Mixture of oil and solvents.

### **Company/undertaking identification**

#### **Manufacturer**

Weicon GmbH

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## **2. Hazards Identification**

### **Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

### **Signs and Symptoms of Exposure**

CAUTION !

Flammable

Attention. Beware of aspiration danger.

Irritating to eyes and skin.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

## **3. Composition/Information on Ingredients**

### **Hazardous components**

CAS No.	Components	Quantity
64742-49-0	Naphtha (petroleum), hydrotreated light	50 - 100 %

## **4. First Aid Measures**

### **General information**

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

### **After inhalation**

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

### **After contact with skin**

In case of contact with skin wash off with water.

In case of irritation consult a physician.

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#### **After contact with eyes**

Rinse thoroughly with plenty of water, also under the eyelids.

If eye irritation persists, consult a specialist.

#### **After ingestion**

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

Rinse out mouth and give plenty of water to drink.

#### **Advice to physician**

Attention. Beware of aspiration danger.

If swallowed give water to drink.

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### **5. Fire Fighting Measures**

#### **Suitable extinguishing media**

Foam

Dry powder

Carbon dioxide

Water spray jet

#### **Unsuitable extinguishing media**

Full water jet

#### **Special hazards arising from the chemical**

Fire may produce:

Carbon monoxide and carbon dioxide.

#### **Protective equipment and precautions for firefighters**

Use breathing apparatus with independent air supply.

#### **Additional information**

Cool containers at risk with water spray jet.

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### **6. Accidental Release Measures**

#### **Personal precautions**

In case of vapour formation use respirator.

Keep away sources of ignition.

Ensure adequate ventilation.

Use personal protective clothing.

#### **Environmental precautions**

Do not discharge into the drains or bodies of water.

Do not discharge into the subsoil/soil.

#### **Methods for cleaning up/taking up**

Take up with absorbent material (e.g. sand).

Shovel into suitable container for disposal.

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### **7. Handling and Storage**

#### **Handling**

##### **Advice on safe handling**

Keep container tightly closed.

Avoid contact with skin, eyes and clothing.

Use only in well-ventilated areas.

##### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

Pay attention to anti-explosion rules.

Take measures against electrostatic charging.

Vapours can form an explosive mixture with air.

#### **Storage**

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**Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.

Protect from heat and direct solar radiation.

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

**8. Exposure Controls/Personal Protection****Exposure limit values****Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

**Protective and hygiene measures**

At work do not eat, drink and smoke.

Wash hands and skin before breaks and after work.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

ANSI Z49.1 Safety in Welding, Cutting and allied processes.

**Respiratory protection**

Use suitable breathing apparatus if there is inadequate ventilation.

**Hand protection**

PVC gloves

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Eye protection**

Safety goggles with side protection

**Skin protection**

Light protective clothing

**9. Physical and Chemical Properties****Appearance**

Form:	Liquid
Color:	Light yellow
Odor:	Solvent-like

**Important health, safety and environmental information**

	Test method
pH-Value:	n.a.

**Changes in the physical state**

Boiling point:	78 °C
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Flash point:	<0 °C
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**Explosive properties**

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

Lower explosion limits:	0,8 vol. %
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Upper explosion limits:	7,7 vol. %
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Density:	0,749 g/cm <sup>3</sup>
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Water solubility:	Immiscible
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**Solvent content**

83,3

**Other information**

Ignition temperature:	>200 °C
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## 10. Stability and Reactivity

### Stability

Stable

### Conditions to avoid

Keep away from heat and sources of ignition.

Vapour/air mixtures are explosive at intensive warming.

Heating can release vapours which can be ignited.

### Materials to avoid

Oxidizing agents.

### Hazardous decomposition products

Carbon monoxide and carbon dioxide.

### Possibility of Hazardous Reactions

Will not occur

### Additional information

No decomposition if used as directed.

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## 11. Toxicological Information

### Corrosive and irritant effects

Eye irritation: Irritant

Eye irritation : Irritant

### Sensitizing effects

Non-sensitizing

### Empirical data on effects on humans

Inhalation of vapours in high concentration can cause narcotic effects.

### Further information

Vapours may cause drowsiness and dizziness. Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

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## 12. Ecological Information

### Ecotoxicity

No data available.

### Further information

Do not discharge product unmonitored into the environment.

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

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

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## 13. Disposal Considerations

### Advice on disposal

Where possible recycling is preferred to disposal.

Product rests: send for disposal, e.g. special waste incineration.

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## 14. Transport Information

### US DOT 49 CFR 172.101

#### Proper shipping name

PETROLEUM DISTILLATES, N.O.S. (Naphtha (petroleum))

ID Number: UN1268

Hazard Class or Division: 3

Packing group: II

Label: 3

#### Land transport (ADR/RID)

UN number: 1268

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ADR/RID class: 3  
 Classification Code: F1  
 Warning plate  
 Hazard-no.: 33  
 Hazard label: 3



ADR/RID packing group: II  
 Limited quantity: LQ4

**Description of the goods**

PETROLEUM DISTILLATES, N.O.S. (Naphtha (petroleum))

**Other applicable information**

Special provision:: 640C 649

Transport category:: 2

Tunnel restriction code:: D1E

**Marine transport**

UN number: 1268  
 IMDG code: 3  
 Marine pollutant: P  
 Hazard label: 3



IMDG packing group: II  
 EmS: F-E, S-E  
 Limited quantity: 1 L

**Description of the goods**

PETROLEUM DISTILLATES, N.O.S. (Petroleum)

**Other applicable information**

Special provision:: 944

**Air transport**

UN/ID number: 1268  
 ICAO/IATA-DGR: 3  
 Hazard label: 3



ICAO packing group: II  
 Limited quantity Passenger: 1 L  
 IATA-packing instructions - Passenger: 305  
 IATA-max. quantity - Passenger: 5 L  
 IATA-packing instructions - Cargo: 307  
 IATA-max. quantity - Cargo: 60 L

**Description of the goods**

PETROLEUM DISTILLATES, N.O.S. (Petroleum)

**Other applicable information**

: Y305

**15. Regulatory Information**

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**U.S. Regulations****National Inventory TSCA**

All of the components are listed on the TSCA inventory.

**SARA**

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

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**16. Other Information****Hazardous Materials Information Label (HMIS)**

Health: 1

Flammability: 2

Physical Hazard: 0

**NFPA Hazard Ratings**

Health: 1

Flammability: 2

Reactivity: 0

Unique Hazard:

**Other data**

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Literature:

**Changes**

Changes in chapter: 15, (Poland)

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*