



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 11.02.2011

Revision 10.02.2011 (GB) Version 6.0

### Plastic-Cleaner, liquid (GB)

## 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Name of product** Plastic-Cleaner, liquid (GB)  
Code-Nr. 152040

### Manufacturer/distributor

WEICON GmbH & Co. KG  
Königsberger Straße 255, DE-48157 Münster  
Postbox 84 60, DE-48045 Münster  
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244  
E-Mail : info@weicon.de  
Internet : www.weicon.de

### Advice

Abteilung Angebote, Verkauf, Export  
Phone ++49(0)251 / 9322 - 0

### Emergency advice

Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning)  
Phone ++49(0)228-19 240

### Recommended intended purpose(s)

Technical Liquids

## 2. Hazards identification

### Classification according to 67/548/EEC or 1999/45/EC

F+; R12  
Xi; R38  
N; R51/53  
Xn; R65  
R67

### R-phrases

12 Extremely flammable.  
38 Irritating to skin.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
65 Harmful: may cause lung damage if swallowed.  
67 Vapours may cause drowsiness and dizziness.

### Labelling according to 67/548/EEC or 1999/45/EC

#### Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

**F+** Extremely flammable  
**Xn** Harmful  
**N** Dangerous for the environment

### R-phrases

12 Extremely flammable.  
38 Irritating to skin.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
65 Harmful: may cause lung damage if swallowed.  
67 Vapours may cause drowsiness and dizziness.

**S-phrases**

2	Keep out of the reach of children.
23	Do not breathe spray.
29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
3/7	Keep container tightly closed in a cool place.
61	Avoid release to the environment. Refer to special instructions/safety data sheets.
62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
7	Keep container tightly closed.

**Special rules for supplemental label elements for certain mixtures**

Contents materials in accordance with Detergents Regulation (648/2004/EC)

&gt; 30% aliphatic hydrocarbons; &lt; 5% Odoriferous substances (d-Limonen)

Contains (R)-(+)-Limonen. May produce an allergic reaction.

**3. Composition/information on ingredients****Description**

Compound

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
64-17-5	200-578-6	ethanol	2,5 - 9,9	F R11
67-56-1	200-659-6	methanol	0,1 - 0,99	F R11; T R23/24/25-39/23/24/25
109-66-0	203-692-4	pentane	10 - 24,99	F+ R12; Xn R65; R66; R67; N R51-53
5989-27-5	227-813-5	(R)-(+)-Limonen	<= 0,1	R10; Xi R38; R43; N R50/53
64742-49-0	265-151-9	Naphtha (petroleum) hydrotreated light; naphtha hydrotreated, low-boiling (note P)	50 - 99	F11; Xn R 65; Xi R38; R67; N R51/53

**4. First aid measures****General information**

Remove contaminated soaked clothing immediately.

**In case of inhalation**

Remove the casualty into fresh air and keep him immobile.

Ensure of fresh air.

**In case of skin contact**

In case of contact with skin wash off with water.

**In case of eye contact**

In case of contact with eyes rinse thoroughly with water.

**In case of ingestion**

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

Do not induce vomiting.

Medical treatment.

Rinse out mouth and give plenty of water to drink.



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## 5. Firefighting measures

### Suitable extinguishing media

Alcohol-resistant foam  
Dry powder  
Carbon dioxide  
water mist

### Extinguishing media which must not be used for safety reasons

Full water jet

### Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

### Special protective equipment for fire-fighters

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

### Additional information

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

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## 6. Accidental release measures

### Personal precautions

Ensure adequate ventilation.  
Use personal protective clothing.  
Keep away sources of ignition.

### Environmental precautions

Do not discharge into the drains or bodies of water..  
Do not discharge into the subsoil/soil.

### Methods for cleaning up

Take up with absorbent material.  
After taking up the material dispose according to regulation.

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## 7. Handling and storage

### Advice on safe handling

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

### 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.  
Avoid effect of heat.

### Requirements for storage rooms and vessels

Keep in closed original container.

### Further information on storage conditions

Keep container tightly closed and store at cool and aired place.  
Protect from heat and direct solar radiation.



## 8. Exposure controls/personal protection

### Additional advice on system design

Sufficient ventilation and exhaustion.

### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]	Remark
64-17-5	ethanol	8 hours	1920	1000	EH40/2005
67-56-1	methanol	8 hours	266	200	EH40/2005
		Short-term	333	250	

### Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]	Remark
109-66-0	pentane	8 hours	3000	1000	
67-56-1	methanol	8 hours	260	200	skin

### 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.

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

### Eye protection

safety goggles

### Skin protection

protective clothing

### 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.

## 9. Physical and chemical properties

### Form

liquid

### Colour

colourless, clear

### Odour

of orange

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>boiling range</b>	36 °C				
<b>Flash point</b>	-35 °C				
<b>Ignition temperature</b>	200 °C				
<b>Lower explosion limit</b>	0,8 Vol-%				
<b>Upper explosion limit</b>	7,8 Vol-%				



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	Value	Temperature	at	Method	Remark
<b>Vapour pressure</b>	573 hPa	20 °C			
<b>Density</b>	0,709 g/ml	20 °C			
<b>Solubility in water</b>					immiscible
<b>Solvent concentration</b>	100 %				

#### Explosive properties

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

## 10. Stability and reactivity

#### Conditions to avoid

Keep away from heat.

#### Hazardous decomposition products

Carbon monoxide and carbon dioxide.

#### Thermal decomposition

Remark No decomposition if used as directed.

## 11. Toxicological information

#### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>Irritability skin</b>	irritant			

#### Experiences made from practice

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

Swallowing may cause vomiting and diarrhoea.

Irritates respiratory tract.

Inhalation causes narcotic effect/intoxication.

#### Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

## 12. Ecological information

#### General regulation

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment.

## 13. Disposal considerations

#### Recommendations for the product

Remove in accordance with local official regulations.

This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.

#### Recommendations for packaging

Dispose of according to the local waste regulations.



## 14. Transport information

### Land and inland navigation transport ADR/RID

UN 1993 FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), Pentan Mixture), 3, I, (D/E), Classification code: F1

### Marine transport IMDG

UN 1993 FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), Pentane mixture), 3, I, MARINE POLLUTANT

### Air transport ICAO/IATA-DGR

UN 1993 Flammable liquid, n.o.s. (Naphtha (petroleum), Pentane mixture), 3, I

### Transport/further information

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

## 15. Regulatory information

### VOC standard

VOC content 72,9 %

VOC value 729 g/L

## 16. Other information

### Recommendend uses and restrictions

National and local regulations concerning chemicals shall be observed.

### Further information

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.

Danish MAL-code: 5-3

VOC-CH 99,88%

### Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 10 Flammable.

R 11 Highly flammable.

R 12 Extremely flammable.

R 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R 38 Irritating to skin.

R 39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

R 43 May cause sensitisation by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.