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

### 1.1. Product identifier

**Name of product** Parts and Assembly Cleaner Spray  
Code-Nr. 112015

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

#### Recommended intended purpose(s)

Technical Aerosols

### 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)

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## ! 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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Aerosol 1 Asp. Tox. 1	H222, H229	- H304 (Aerosol: not applicable)
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#### Hazard Statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.

### 2.2. Label elements

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


GHS02

**! Signal word**

Danger

**Hazard Statements**

H222 Extremely flammable aerosol.  
 H229 Pressurised container: May burst if heated.

**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.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P405 Store locked up.  
 P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P501 Dispose of contents/container to hazardous or special waste collection point.

**Hazardous ingredients for labeling**

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics

**Supplemental Hazard information (EU)**

Repeated exposure may cause skin dryness or cracking.

**2.3. Other hazards**
**Information pertaining to special dangers for human and environment**

In extensive use, formation of flammable / explosive vapour-air mixture is possible.

**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]
124-38-9	204-696-9	carbon dioxide	1 - 2,5	
74-98-6	200-827-9	propane	10 - 20	Flam. Gas 1, H220 / Press. Gas, H280
	918-481-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	50 - 99,9	Asp. Tox. 1, H304
106-97-8	203-448-7	Butan (1,3 Butadiene <0,1%)	10 - 20	Flam. Gas 1, H220 / Press. Gas, H280

**REACH**

CAS No	Name	REACH registration number
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**REACH (continued)**

CAS No	Name	REACH registration number
74-98-6	propane	01-2119486944-21
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	01-2119457273-39
106-97-8	Butan (1,3 Butadiene <0,1%)	01-2119474691-32

**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**

Ensure of fresh air.

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 rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

**In case of ingestion**

Do not induce vomiting.

Medical treatment.

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

No information available.

**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**

Foam

Dry powder

Carbon dioxide

**Unsuitable extinguishing media**

Full water jet

**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.

**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.

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## 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

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

### 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).

Disposal according to regulations.

Ventilate area concerned

### 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

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 and smoke.

Work in rooms with good ventilation.

Wash hands before breaks and after work.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Do not spray on a naked flame or any incandescent material.

Pressurized container.

Do not pierce or burn even after use.

Protect from heat and sunlight.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

#### Advice on storage compatibility

Do not store together with animal feedstuffs.

Do not store together with food.

#### Further information on storage conditions

Protect from heat and direct solar radiation.

Keep container in a well-ventilated place

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

Keep in a cool 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****Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
106-97-8	Butane	8 hours	1450	600	EH40/2005
		Short-term	1810	750	

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

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
124-38-9	carbon dioxide	8 hours	9000	5000	

**! Additional advice**

The statutory local and national regulations have to be observed.

**8.2. Exposure controls****! Respiratory protection**

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]: NBR (Nitrile rubber),  $\geq 0,5$  mm,  $\geq 240$  min**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**

aerosol

**Colour**

colourless, clear

**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 point</b>	not applicable				
<b>Melting point / Freezing point</b>	not determined				



# Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 26.08.2019

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## Parts and Assembly Cleaner Spray

	Value	Temperature	at	Method	Remark
<b>Flash point</b>	> 60 °C				Aerosol
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	> 200 °C				
<b>Self ignition temperature</b>					The product is not self-igniting.
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	0,789 g/cm <sup>3</sup>	20 °C			
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	0,04 g/l	20 °C			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				
<b>Viscosity kinematic</b>	not determined				
<b>Viscosity dynamic</b>	not determined				
<b>Solvent content</b>	97,7 %				

### 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**

No dangerous reactions known.

**10.4. Conditions to avoid**

Keep away from heat.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

Aldehydes

**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>	> 5000 mg/kg	rat		EG: 918-481-9
<b>LD50 acute dermal</b>	> 2000 mg/kg	rat		EG: 918-481-9
<b>Skin irritation</b>	low irritant effect - not necessary to label			
<b>Eye irritation</b>	non-irritant			
<b>Skin sensitization</b>	non-sensitizing			

**Subacute Toxicity - Carcinogenicity**

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

**Experiences made from practice**

Frequent and / or prolonged contact may lead to skin irritation

Irritates respiratory tract.

Inhalation causes narcotic effect/intoxication.

**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>Daphnia</b>	EC50 > 1000 mg/l (48 h)	Daphnia magna		Information refers to the main component.

### 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

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.

## ! SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste code No.

15 01 04  
16 05 04\*

#### Name of waste

metallic packaging  
gases in pressure containers (including halons) containing hazardous substances

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.

Totally emptied packaging may be taken for recycling.

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

#### General information

For proper waste disposal a complete emptying of the tin is necessary.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	1950	1950	1950
<b>14.2. UN proper shipping name</b>	AEROSOLS	AEROSOLS	Aerosols, flammable



**Parts and Assembly Cleaner Spray**

	ADR/RID	IMDG	IATA-DGR
<b>14.3. Transport hazard class(es)</b>	2.1	2.1	2.1

**14.4. Packing group**

-

-

-

**14.5. Environmental hazards**

No

No

No

**14.6. Special precautions for user**

Caution: Gases

**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) 2.1

tunnel restriction code D

Classification code 5F

transport in "limited quantities" according to 3.4 ADR is possible

**! SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC standard****VOC content** 97,97 %**VOC value** 773,9 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.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 9.1

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.