

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

### 1.1. Product identifier

#### Name of product

CON TRAER G 300 SPRAY

### 1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

Aerosol

Lubricating film

### 1.3. Details of the supplier of the safety data sheet

#### Distributor

WELPONER S.R.L.  
Via L. da Vinci 10, I-39100 Bolzano  
Phone +39 0471 / 973 258, Fax +39 0471 / 974 303  
E-Mail [welponer@welponer.com](mailto:welponer@welponer.com)  
Internet [www.welponer.com](http://www.welponer.com)

Advice

Centro Antiveleni Ospedale Niguarda di Milano  
Phone +39 02 661 010 29

### 1.4. Emergency telephone number

#### Manufacturer

FUCHS LUBRITECH GMBH  
Werner-Heisenberg-Straße 1, D-67661 Kaiserslautern/Germany  
Phone +49 (0) 6301 3206 - 0, Fax +49 (0) 6301 3206 - 940

E-Mail [reach@fuchs-lubritech.de](mailto:reach@fuchs-lubritech.de)  
Internet [www.fuchs-lubritech.com](http://www.fuchs-lubritech.com)

Advice

Product Safety Management  
Phone +49 (0) 6301 3206 - 0  
Fax +49 (0) 6301 3206 - 940  
E-mail (competent person):  
[reach@fuchs-lubritech.de](mailto:reach@fuchs-lubritech.de)

### 1.4. Emergency telephone number

Emergency advice

+49 (0)171 / 4632154  
Phone 06301/3206-808  
This number is only available at office times.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

F+; R12

Xi; R36

#### R-phrases

12

Extremely flammable.

36

Irritating to eyes.

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Aerosol 1	H222, H229	
Eye Dam. 1	H318	
Aquatic Chronic 3	H412	

### 2.2. Label elements

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



GHS02



GHS05



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

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**CON TRAER G 300 SPRAY**  
A01-06590

## Signal word

Danger

## Hazard Statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H318 Causes serious eye damage.  
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.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P273 Avoid release to the environment.  
P280 Wear protective gloves and eye protection/face protection.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

## 2.3. Other hazards

### Information pertaining to special dangers for human and environment

Application may cause development of explosive / inflammable vapour-air-mixtures  
May be irritating to eyes, at repeated exposure irritating to skin

## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Description

propellant: propane / butane  
Mixture of resin and solid lubricants in a solvent compound

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
74-98-6	200-827-9	propane	5 - 10	F+ R12
75-28-5	200-857-2	isobutane	10 - 15	F+ R12
106-97-8	203-448-7	butane	50 - 99	F+ R12
64742-48-9	265-150-3	Mixture of hydrocarbons, de-aromatized	5 - 10	Xn; R10-52/53-65-66-67
90622-56-3		Octan und Isomere	0,1 < 1	Xi R38, Xn R65- R67 F;11; N;50-53
		Polymer aus Tetra-n.butyltitanat und Wasser	5 - 10	Xi;R10-37/38-41-67

  

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
74-98-6	200-827-9	propane	5 - 10	Flam. Gas 1, H220 / Press. Gas
75-28-5	200-857-2	isobutane	10 - 15	Flam. Gas 1, H220 / Press. Gas
106-97-8	203-448-7	butane	50 - 99	Flam. Gas 1, H220 / Press. Gas
64742-48-9	265-150-3	Mixture of hydrocarbons, de-aromatized	5 - 10	Flam. Liquid 3, H226 / Asp. Tox. 1, H304 / STOT SE 3, H336 / Aquatic Chronic 3, H412
90622-56-3		Octan und Isomere	0,1 < 1	Flamm. Liqu.1, H224 / Asp.Tox.1, H304 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410 / Skin Irrit.2, H315 / STOT SE3, H336
		Polymer aus Tetra-n.butyltitanat und Wasser	5 - 10	Flam. Liq. 3, H226 / Eye Dam. 1, H318 / Skin irrit. 2, H315 / STOT SE 3, H335-H336

## REACH

CAS No	Name	REACH registration number
74-98-6	propane	Exempt
106-97-8	butane	Exempt

## Additional advice

Marking with Xn/R65 for hydrocarbons is not to be specified in preparations in pressurized packings (s. 2001/59/EG, App. VI, No 9.4)  
Kennzeichnung mit H304 ist für Kohlenwasserstoffe in Zubereitungen in Aerosolpackungen nicht vorgeschrieben

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately, don't leave to dry.

#### 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.

Don't use organic solvents

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.

If swallowed seek medical advice immediately and show the doctor packing or label.

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

#### Physician's information / possible symptoms

No symptoms known so far.

#### Physician's information / possible dangers

Aspiration hazard when vomiting after swallow up

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

#### Treatment (Advice to doctor)

Treat symptoms.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

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

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

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

#### Additional information

Cool endangered containers with water spray jet.

Explosion risk in case of longer heating

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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.

Keep away sources of ignition.

Avoid contact with skin and eyes

#### For emergency responders

Hochentzündlich

## 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.  
active agent: Prevent spread over a wide area (e.g. by containment or oil barriers).  
Suppress gases/vapours/mists with water spray jet  
Do not discharge into the subsoil/soil.

## 6.3. Methods and material for containment and cleaning up

Suck off by room ventilation.  
Take up with absorbent material (e.g. general-purpose binder).

## Additional Information

Hochentzündlich

## 6.4. Reference to other sections

Safe handling: see section 7  
Disposal: see section 13  
Personal protection equipment: see section 8  
Emergency telephone number: see section 1

# 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.  
Take the usual precautions when handling with chemicals.

### General protective measures

Avoid contact with eyes and skin  
Do not inhale gases/vapours/aerosols.

### Hygiene measures

Cloths contaminated with product should not be kept in trouser pockets.  
Follow general rules of industrial hygiene for safe handling of chemical products  
At work do not eat, drink and smoke.  
Storing of food in workroom forbidden.

### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking  
The product is extremely flammable.  
Vapours can form an explosive mixture with air.  
Take precautionary measures against static discharges.  
Bursting hazard with fire expansion and injury danger near fire

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

### Requirements for storage rooms and vessels

Keep in closed original container.  
Don't store in staircases and passage-ways

### Advice on storage compatibility

Do not store together with oxidising and self-inflammable materials.

### Further information on storage conditions

Store only in closed original container at cool and aired place.  
Protect from heat and direct solar radiation.  
Keep container dry.  
Keep in a cool place, heat causes increase in pressure and risk of bursting.

### Information on storage stability

Storage time: 24 months.

**Storage group** 2B

## 7.3. Specific end use(s)

### Recommendation(s) for intended use

see Product information

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]		Remark
106-97-8	butane	8 hours	2400	1000	4(II)	DFG
75-28-5	isobutane	8 hours	2400	1000	4(II)	DFG
74-98-6	propane	8 hours	1800	1000	4(II)	DFG
64742-48-9	aliphatics, cycloparaffin	8 hours	1000			8h-Mittel, TRGS 900 / 901

#### Additional advice

As basis for this information served the valid references.

### 8.2. Exposure controls

#### Respiratory protection

Not required at determined application

#### Hand protection

The choice of a suitable material for gloves depends not only on the material itself, but also on further quality characteristics.

As the product is a preparation of several substances, the actual resistance of the materials used for gloves cannot be scientifically calculated; it is therefore mandatory to check this before using the product.

Wear gloves of PVC at prolonged or intensive skin contact

#### Eye protection

tightly fitting goggles, in case of splashing

#### Other protection measures

Usual working clothes for chemical industries

#### Appropriate engineering controls

Do not inhale aerosols caused by spraying application

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

aerosol

#### Colour

black

#### Odour

like petrol (gasoline )

#### Odour threshold

not determined

#### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>					not applicable
<b>boiling range</b>	not applicable				Aerosols
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	< 0 °C				Active agent + solved propellant pro rata
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>					unknown
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				



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	Value	Temperature	at	Method	Remark
<b>Vapour pressure</b>	2500 - 3500 hPa	20 °C			Aerosol can pressure
<b>Relative density</b>	0,64 - 0,67 g/cm3	20 °C			Active agent + solved propellant pro rata
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					more or less insoluble
<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</b>	not determined				

**Oxidising properties**

no

**Explosive properties**

In and after use danger of production of inflammable compounds  
Danger of bursting when heating over 50 °C

**9.2. Other information**

Vapours are heavier than air.  
flammable liquid

**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 information available.

**10.4. Conditions to avoid**

Because of the high vapour pressure, containers are liable to burst if temperature rises.  
Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

**10.5. Incompatible materials**

**Materials to avoid**

Reactions with strong oxidising agents.

**10.6. Hazardous decomposition products**

none at appropriate handling and storage

**Thermal decomposition**

Remark No decomposition if used as directed.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>				not determined
<b>Irritability skin</b>				frequent and/or persistent contact may cause skin irritation



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	Value/Validation	Species	Method	Remark
<b>Irritability eye</b>	may have irritating effect			if splash reaches eye
<b>Skin sensitization</b>	No sensitizing effect known			

**Experiences made from practice**

Frequent contact specially if dried out may cause skin and eye irritations.

**Additional information**

No toxicological data available.

The product was classified on the basis of the calculation procedure of the directive 67/548/EEC (conventional method).

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicological effects**

Value	Species	Method	Validation
<b>Fish</b>			not determined

**12.2. Persistence and degradability**

**Biological**

**degradability**

not determined

**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. preparation is water insoluble and does not formate emulsion

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

**Behaviour in sewage plant**

Product gets duly not into waste water before it is not treated according to the local regulations.

**General regulation**

Ecological data are not available.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Recommendations for the product**

Disposal according to local authority prescriptions

**Recommendations for packaging**

Totally emptied packaging may be taken for recycling.

totally discharged and depressurized sprayer: EWC 15 01 04

Aerosol cans with residual pressure shall be collected and shipped in containers with venting facilities in accordance with GGVSEB.

Dispose one-trip container according to local authority prescriptions

**General information**

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste

**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



	ADR/RID	IMDG	IATA-DGR
<b>14.3. Transport hazard class(es)</b>	2.1	2.1	2.1
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	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**

No information available.

**Land and inland navigation transport ADR/RID**

Hazard label(s) 2.1

tunnel restriction code D

Classification code 5F

**Transport/further information**

Posting allowed: Pay attention to quantities

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**VOC standard**

**VOC content** ca.89 %

**National regulations**

**Other regulations, restrictions and prohibition regulations**

Take note of: TRG 300 "Aerosole" (GER)

**Water hazard class** 2 Mixture-WGK according to VwVwS (GER)

**15.2. Chemical Safety Assessment**

Chemical Safety Assessments for mixtures is not required.

## SECTION 16: Other information

**Training advice**

Use information in this MSDS

**Recommended uses and restrictions**

usage only according to instructions for use and observance of warning notes

National and local regulations concerning chemicals shall be observed.

**Further information**

Substantial changes to the former version are marked by "!" on the left margin of the paper.

All the raw materials in this product are listed in NECSI (Taiwan)

Refer to product information paper.

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.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 3.5

**Sources of key data used**

Material Safety Data Sheets of raw materials

**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 37/38 Irritating to respiratory system and skin.

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

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

R 52/53 Harmful 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.





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R 67 Vapours may cause drowsiness and dizziness.

	-?-
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H224	Extremely flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335-H336	-?-
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.