



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

### Product identifier

**Name of product** Allround Lubricant AL-F, 400 ml (GB)  
Code-Nr. 275500

### 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 Aerosols

## 2. Hazards identification

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

F+; R12

#### R-phrases

12 Extremely flammable.

### 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

#### R-phrases

12 Extremely flammable.

#### S-phrases

23 Do not breathe spray.

51 Use only in well-ventilated areas.

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

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

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

Without sufficient ventilation the formation of explosive vapour/air mixtures cannot be excluded. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

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

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



### 3. Composition/information on ingredients

#### Description

Preparation of metallic soap in mineral oil oil with additives  
Mixture of active ingredients with propellant

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
67-63-0	200-661-7	propan-2-ol	10 - 17	F R11; Xi R36; R67
61641-74-5		propane/butane-mixture	40 - 50	F+, R12

### 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.  
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

Do not induce vomiting.  
Refer to medical treatment.

#### Physician's information / possible symptoms

The following symptoms may occur:  
Anaesthetic state  
Headache

### 5. Firefighting measures

#### Suitable extinguishing media

Foam  
Dry powder  
Carbon dioxide

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

Full water jet

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

Danger of bursting  
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 ( isolated ).  
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.



## 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..

### Methods for cleaning up

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

## 7. Handling and storage

### Advice on safe handling

Do not spray into flames or any incandescent material.  
Ventilate closed rooms at ground level.  
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  
Pressurized container.  
Do not pierce or burn even after use.  
The product is combustible.  
Vapours can form an explosive mixture with air.  
Avoid effect of heat.

### Requirements for storage rooms and vessels

Keep in closed original container.  
Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

### 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.

## 8. Exposure controls/personal protection

### 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	1450	600	EH40/2005
		Short-term	1810	750	
67-63-0	propan-2-ol	8 hours	999	400	EH40/2005
		Short-term	1250	500	

### Respiratory protection

If ventilation insufficient, wear respiratory protection.  
Breathing apparatus in the event of aerosol or mist formation.

### 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.  
Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

**Eye protection**

safety goggles

**Skin protection**

protective clothing

**General protective measures**

Do not inhale 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**

aerosol

**Colour**

white

**Odour**

like mineral oil

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>Flash point</b>	< 0 °C				active agent
<b>Ignition temperature</b>	> 250 °C				
<b>Lower explosion limit</b>	0,6 Vol-%				
<b>Upper explosion limit</b>	3,2 Vol-%				
<b>Vapour pressure</b>	3,5 bar	20 °C			Doseninnendruck
<b>Density</b>	0,72 g/ml	20 °C			
<b>Solubility in water</b>					insoluble
<b>Solids content</b>	29,1 %				

**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.

Formation of explosive gas/air mixtures.

**Materials to avoid**

Reactions with oxygen.

**Hazardous decomposition products**Sulphurous oxides (SO<sub>x</sub>)



## 11. Toxicological information

### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>Irritability skin</b>	low irritant effect - not necessary to label			
<b>Irritability eye</b>	low irritant - no labeling duty			
<b>Skin sensitization</b>	non-sensitizing			

### Experiences made from practice

Vapours may cause dizziness, headaches and tiredness

According to our experience and current information, the product has no detrimental effects on health if handled and used correctly

### Additional information

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

## 12. Ecological information

### Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
<b>Biological degradability</b>	The product is slightly degradable.			

### 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

### Waste code No.

15 01 01  
15 01 10\*

### Name of waste

paper and cardboard packaging  
packaging containing residues of or contaminated by dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC 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.

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

## 14. Transport information

### Land and inland navigation transport ADR/RID

UN 1950 AEROSOLS, 2.1, (D), Classification code: 5F  
transport in "limited quantities" according to 3.4 ADR LQ2 is possible

### Marine transport IMDG

UN 1950 AEROSOLS, 2.1



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 11.02.2011

Revision 10.02.2011 (GB) Version 6.0

**Allround Lubricant AL-F, 400 ml (GB)**

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**Air transport ICAO/IATA-DGR**

UN 1950 Aerosols, flammable, 2.1

**Transport/further information**

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

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**15. Regulatory information**

**VOC standard**

VOC value 418,58 g/L

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**16. Other information**

**Recommend 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.

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

R 11 Highly flammable.

R 12 Extremely flammable.

R 36 Irritating to eyes.

R 67 Vapours may cause drowsiness and dizziness.