



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Name of product

Welding Protection Spray (GB) ; Code-Nr. 11700

### 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

### Distributor in New Zealand

R A Johnstone & Co Ltd  
739 Great South Road, Otahuhu  
PO Box 97 948 SAMC. Manukau 2240  
Auckland. New Zealand  
Ph :+64 9 261 0333  
Fax: + 64 9 261 0330  
www.raj.co.nz

### Advice

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

### Emergency advice

Informationszentrale gegen Vergiftungen - Bonn  
Phone ++49(0)228-19 240

### Recommended intended purpose(s)

Technical Aerosols

**Emergency telephone in New Zealand (24 hours)**  
**National Poison Center: 0800 POISON [764 766]**

## 2. HAZARDS IDENTIFICATION

### Classification

F+; R12  
N; R51/53



### R-phrases

12 Extremely flammable.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
66 Repeated exposure may cause skin dryness or cracking.  
67 Vapours may cause drowsiness and dizziness.

### Special hazards information for humans and environment

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical characterization

Propellant with a mixture of emulsifying agent, additives and solvents

### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification
109-66-0	203-692-4	pentane	25-50	F+ R12; Xn R65; R66; R67; N R51/53
37205-87-1		Isononylphenol ethoxyliert	2,5 - 10	Xi,R36/38
61641-74-5		propane/butane-mixture	20 - 50	F+, R12

## 4. 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.



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**In case of skin contact**

In case of contact with skin wash off with soap and water.

**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.

Medical treatment.

**Physician's information / possible symptoms**

The following symptoms may occur:

Unconsciousness

Anaesthetic state

Headache

Confusion

Dizziness

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**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

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

Full water jet

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

Danger of bursting

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

**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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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Ensure adequate ventilation.

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 the eyes.

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.

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

### Further information on storage conditions

Protect from heat and direct solar radiation.

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

Store container at cool and aired place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ml/m3]	Spitzenb.	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 or 2006/15/EC)

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
109-66-0	pentane	8 hours	3000	1000	

### Respiratory protection

If ventilation insufficient, wear respiratory protection.

Breathing apparatus

### Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

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.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: fluorinated rubber; 0,7mm; 480min; 60min;

### Eye protection

safety goggles with side protection

### Skin protection

protective clothing

### General protective measures

Avoid contact with eyes and skin

Do not inhale aerosols

### Hygiene measures

At work do not eat, drink, smoke or take drugs.





#### Additional information

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

## 12. ECOLOGICAL INFORMATION

#### General regulation

Because of damage to water organism do not fill in presurge.  
Do not allow uncontrolled leakage of product into the environment.

## 13. DISPOSAL CONSIDERATIONS

Waste code No.	Name of waste
07 01 04*	other organic solvents, washing liquids and mother liquors
15 01 04	metallic packaging
16 05 04*	gases in pressure containers (including halons) containing 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.  
There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the Recycling and Waste Management Act 8 KrW-/AbfG) stipulates recycling as a requirement.

#### Recommendations for packaging

Dispose of according to the local waste regulations.

#### General information

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

## 14. TRANSPORT INFORMATION

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

UN 1950 AEROSOLS, 2.1

#### Marine transport IMDG

UN 1950 AEROSOLS, 2.1

#### Air transport ICAO/IATA-DGR

UN 1950 Aerosols, flammable, 2.1



## 15. REGULATORY INFORMATION

#### Remarks for classification

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

#### Classification

- F+** Extremely flammable
- N** Dangerous for the environment

The HSNO Approval Number for this Group Standard is HSR002515.

#### R-phrases

- 12 Extremely flammable.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 66 Repeated exposure may cause skin dryness or cracking.
- 67 Vapours may cause drowsiness and dizziness.

#### S-phrases

- 16 Keep away from sources of ignition - No smoking.
- 2 Keep out of the reach of children.
- 23.4 Do not breathe spray.



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 16.05.2008

Revision 15.05.2008 (GB) Version 5.1

**Welding Protection Spray (GB)**

- 51 Use only in well-ventilated areas.  
60 This material and its container must be disposed of as hazardous waste

**Hazardous ingredients for labeling**

pentane, propane/butane-mixture

**Special labelling for certain preparations**

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 ignition sources - Do not smoke. Keep out of children's reach.

**VOC standard**

VOC value 0,224 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.

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

R 12 Extremely flammable.

R 36/38 Irritating to eyes and skin.

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.

Converted to New Zealand Standard by Sam Gunaratna B Sc, Post-Grad Dip in Science (University of Auckland)  
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