



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 11.02.2011

Revision 10.02.2011 (GB) Version 6.0

Stainless Steel Care Spray (GB)

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

Product identifier

Name of product

Stainless Steel Care Spray (GB)
Code-Nr. 115900

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

R52/53

R-phrases

12

Extremely flammable.

52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Remarks for labelling

The product is classified and labelled in accordance with EC directives.

F+ Extremely flammable

R-phrases

12

Extremely flammable.

52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

23

Do not breathe spray.

29

Do not empty into drains.

51

Use only in well-ventilated areas.

9

Keep container in a well-ventilated place.

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

Mixture of oils, solvents and propellant.

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
64-17-5	200-578-6	ethanol	10 - 25	F R11
106-97-8	203-448-7	butane	10 - 25	F+ R12
111-76-2	203-905-0	2-butoxyethanol	10 - 24	Xn R20/21/22; Xi R36/38
64742-48-9	265-150-3	Naphtha (petroleum), hydrotreated heavy	10 - 25	R10; Xn R65; R66
64742-49-0	265-151-9	Aliphatic hydrocarbon (note H,P)	10 - 24	F R11; Xn R65; Xi R38; N R51/53; R67
74-98-6	200-827-9	propane	10 - 25	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.

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 plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

Medical treatment.

Rinse out mouth thoroughly with water.

Physician's information / possible symptoms

The following symptoms may occur:

Delirious state

Anaesthetic state

Headache

5. Firefighting measures

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

Extinguishing media which must not be used for safety reasons

water

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.

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.

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 flames or any incandescent material.

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.

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 direct solar radiation.

Keep container in a well-ventilated place

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

Store container at cool and aired place.

Keep in a cool place.

8. Exposure controls/personal protection

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	
111-76-2	2-butoxyethanol	8 hours		25	EH40/2005
		Short-term		50	
64-17-5	ethanol	8 hours	1920	1000	EH40/2005



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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
111-76-2	2-butoxyethanol	8 hours	98	20	skin
		Short-term	246	50	

Respiratory protection

If ventilation insufficient, wear respiratory protection.

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]: butyl rubber, 0,7mm; 480min

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.

9. Physical and chemical properties

Form
aerosol

Colour
clear

Odour
solvent-like

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
boiling point	-44 °C				
Flash point	< 0 °C				
Autoignition	> 200 °C				
Lower explosion limit	0,7 Vol-%				
Upper explosion limit	15 Vol-%				
Vapour pressure	8300 hPa	20 °C			
Density	0,693 g/ml	20 °C			
Solubility in water					insoluble
Solvent concentration	94,3 %				

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.
Reactions with oxidising agents.

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
LD50 acute oral	> 5000 mg/kg	rat		
LD50 acute dermal	> 3000 mg/kg	rabbit		
Irritability skin	non-irritant			
Irritability eye	non-irritant			
Skin sensitization	non-sensitizing			

Experiences made from practice

Vapours may cause dizziness, headaches and tiredness

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

Waste code No.

07 01 04*

15 01 10*

Name of waste

other organic solvents, washing liquids and mother liquors

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.

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, (D), Classification code: 5F

transport in "limited quantities" according to 3.4 ADR LQ2 is possible

Marine transport IMDG

UN 1950 AEROSOLS, 2.1

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)

15. Regulatory information

VOC standard

VOC content 95 %

VOC value 660 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/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 10 Flammable.

R 11 Highly flammable.

R 12 Extremely flammable.

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R 36/38 Irritating to eyes and skin.

R 38 Irritating to 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.