



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

Printed 08.01.2016  
revision 18.06.2015 (GB) Version 8.3

**Rust Shock Spray**

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

**1.1. Product identifier**

**Name of product**

Rust Shock Spray  
Code-Nr. 111510

**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  
Postbox 48045, DE-8460 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  
E-mail (competent person):  
msds@weicon.de

**1.4. Emergency telephone number**

GIZ Bonn (German, English) Tel: ++49(0)228-19 240  
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178  
433 7434 (24h Emergency Contact)

**Manufacturer**

WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster

**1.4. Emergency telephone number**

**Emergency advice**

-  
Phone -  
GIZ Bonn (Medizinische Auskunft in Deutsch und Englisch)  
Tel: ++49(0)228-19 240  
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178  
433 7434 (24h Emergency Contact)

**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 |
|--------------------------------------|-------------------|--------------------------|
|--------------------------------------|-------------------|--------------------------|

|            |            |  |
|------------|------------|--|
| Aerosol 1  | H222, H229 |  |
| Eye Dam. 1 | H318       |  |

**Hazard Statements**

|      |   |
|------|---|
| H222 | Extremely flammable aerosol.                |
| H229 | Pressurised container: May burst if heated. |
| H318 | Causes serious eye damage.                  |

## 2.2. Label elements

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



GHS02



GHS05

### Signal word

Danger

### Hazard Statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H318 Causes serious eye damage.

### 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.  
P280 Wear protective gloves/protective clothing/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.  
P310 Immediately call a POISON CENTER or doctor/physician.  
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

propan-1-ol

### 2.3. Other hazards

Caution! Container under pressure.

### ! 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

#### Description

Propellant: propane / butane

#### Hazardous ingredients

| CAS No  | EC No     | Name    | [% weight] | Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] |
|---------|-----------|---------|------------|--|
| 64-17-5 | 200-578-6 | ethanol | 50 - 70    | Flam. Liq. 2, H225   |



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

Printed 08.01.2016  
revision 18.06.2015 (GB) Version 8.3

## Rust Shock Spray

### Hazardous ingredients (continued)

| CAS No   | EC No     | Name        | [% weight] | Classification according to Regulation (EC)<br>No 1272/2008 [CLP/GHS] |
|----------|-----------|-------------|------------|---|
| 71-23-8  | 200-746-9 | propan-1-ol | 10 < 20    | Flam. Liq. 2, H225 / Eye Dam. 1, H318 / STOT SE 3, H336               |
| 74-98-6  | 200-827-9 | propane     | 1 - 10     | Flam. Gas 1, H220 / Press. Gas  |
| 75-28-5  | 200-857-2 | isobutane   | 1 - 10     | Flam. Gas 1, H220 / Press. Gas  |
| 106-97-8 | 203-448-7 | butane      | 10 - 20    | Flam. Gas 1, H220 / Press. Gas  |

### Labelling for contents according to regulation (EC) No 648/2004, annex VII

15 % or over but less than 30 % 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.

#### 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

Seek medical advice.

### 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

Alcohol-resistant 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

May lead to formation of explosive/easily ignitable vapour air mixtures.

Danger of bursting

### 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.

---

**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 residues with absorbent material (e.g. sand, sawdust, general-purpose binder).

After taking up the material dispose according to regulation.

**Additional Information**

Sort out leaky cans and dispose according to regulations.

Informations for disposal see chapter 13.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

---

**! SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**! Advice on safe handling**

Ventilate closed rooms at ground level.

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

**General protective measures**

Do not inhale gases/vapours/aerosols.

Avoid contact with the eyes.

**Hygiene measures**

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

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.

The product is combustible.

Vapours can form an explosive mixture with air.

Take precautionary measures against static discharges.

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

**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.

### 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   |           |
| 64-17-5  | ethanol | 8 hours    | 1920    | 1000  | EH40/2005 |

#### ! Additional advice

The statutory local and national regulations have to be observed.

### 8.2. Exposure controls

#### Respiratory protection

If ventilation insufficient, wear respiratory protection.

#### ! Hand protection

Glove material specification: Butyl rubber

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.

#### ! 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

#### Odour

alcoholic

#### Odour threshold

not determined

#### Important health, safety and environmental information

|               | Value          | Temperature | at | Method | Remark |
|---------------|----------------|-------------|----|--------|--------|
| pH value      | not applicable |             |    |        |        |
| boiling point | not applicable |             |    |        |        |



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed

08.01.2016

revision

18.06.2015 (GB) Version 8.3

**Rust Shock Spray**

|  | Value   | Temperature | at | Method | Remark                            |
|--|---|-------------|----|--------|-----------------------------------|
| <b>melting point</b>                                     | No data available   |             |    |        |                                   |
| <b>Flash point</b>                                       | -60 °C  |             |    |        |                                   |
| <b>Vapourisation rate</b>                                | not applicable  |             |    |        |                                   |
| <b>Flammable (solid)</b>                                 | not applicable  |             |    |        |                                   |
| <b>Flammability (gas)</b>                                | not applicable  |             |    |        |                                   |
| <b>Ignition temperature</b>                              | 360 °C  |             |    |        |                                   |
| <b>Self ignition temperature</b>                         |   |             |    |        | The product is not self-igniting. |
| <b>Lower explosion limit</b>                             | 1,5 Vol-%   |             |    |        |                                   |
| <b>Upper explosion limit</b>                             | 15 Vol-%  |             |    |        |                                   |
| <b>Vapour pressure</b>                                   | 2700 hPa  | 20 °C       |    |        |                                   |
| <b>Relative density</b>                                  | 0,71 g/cm <sup>3</sup>  | 20 °C       |    |        |                                   |
| <b>Vapour density</b>                                    | not determined  |             |    |        |                                   |
| <b>Solubility in water</b>                               |   |             |    |        | miscible                          |
| <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 dynamic</b>                                 | not determined  |             |    |        |                                   |
| <b>Viscosity kinematic</b>                               | not determined  |             |    |        |                                   |
| <b>Oxidising properties</b>                              | No information available.   |             |    |        |                                   |
| <b>Explosive properties</b>                              | The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated . |             |    |        |                                   |
| <b>9.2. Other information</b>                            | No information available.   |             |    |        |                                   |

**! SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No information available.

**Rust Shock Spray****10.3. Possibility of hazardous reactions**

no

**10.4. Conditions to avoid**

Keep away from heat.

Formation of explosive gas/air mixtures.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No dangerous decomposition products known.

**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>Skin irritation</b>    | No stimulation effect.                 |         |        |        |
| <b>Eye irritation</b>     | irritant - risk of strong eye injuries |         |        |        |
| <b>Skin sensitization</b> | non-sensitizing                        |         |        |        |

**Experiences made from practice**

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**

No information available.

**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**

**Rust Shock Spray****General regulation**

Do not allow uncontrolled leakage of product into the environment.

**! SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste code No.**

15 01 04

15 01 10\*

**Name of waste**

metallic packaging

packaging containing residues of or contaminated by 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.

**Recommended cleansing agent**

Water

**! General information**

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

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

**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 |
| <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**

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

**Transport/further information**

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





---

## ! SECTION 15: Regulatory information

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

#### ! VOC standard

|             |         |
|-------------|---------|
| VOC content | 96,25 % |
| VOC value   | 682 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: 8.2

|      |                                     |
|------|-------------------------------------|
| H220 | Extremely flammable gas.            |
| H225 | Highly flammable liquid and vapour. |
| H318 | Causes serious eye damage.          |
| H336 | May cause drowsiness or dizziness.  |