



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

| | |
|--|---|
| Name of product | Cleaner Spray S (GB) Code-Nr. 11202 |
| 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

F+; R12
Xi; R38
N; R51/53

R-phrases

12 Extremely flammable.
38 Irritating to skin.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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

Preparation based on propellant and a mixture of aliphatic solvents, alcohol, cetones and orange parfum. Propellant: propane / butane.

Hazardous ingredients

| CAS No | EC No | Name | [% weight] | Classification |
|------------|-----------|---|------------|--------------------------------------|
| 64-17-5 | 200-578-6 | ethanol | 1 - 10 | F R11 |
| 67-63-0 | 200-661-7 | propan-2-ol | 1 - 10 | F R11; Xi R36; R67 |
| 67-64-1 | 200-662-2 | acetone | 10 - 20 | F R11; Xi R36; R66; R67 |
| 74-98-6 | 200-827-9 | propane | 1 - 10 | F+ R12 |
| 75-28-5 | 200-857-2 | isobutane | 1 - 10 | F+ R12 |
| 106-97-8 | 203-448-7 | butane | 1 - 10 | F+ R12 |
| 64742-49-0 | 265-151-9 | Naphtha (Erdöl), mit Wasserstoff behandelte leichte ; Naphtha, wasserstoffbehandelt, niedrig siedend (Nota P) | 50 - 70 | F11; Xn R 65; Xi R38; R67; N R51/53 |
| 124-38-9 | 204-696-9 | carbon dioxide | 1 - 10 | |
| 64742-49-0 | 265-151-9 | Naphtha (petroleum), hydrotreated light | 1 - 10 | F R11; Xn R65; Xi R38; N R51/53; R67 |



4. FIRST AID MEASURES

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

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

Delirious state

vomiting

Headache

Confusion

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

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

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.

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

Disposal according to regulations.

Take up with absorbent material.



7. HANDLING AND STORAGE

Advice on safe handling

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

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.
Recommended storage temperature: room temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with occupational exposure limits to be monitored

| CAS No | Name | Code | [mg/m ³] | [ppm] | Spitzenb. | Remark |
|----------|----------------|------------|----------------------|-------|-----------|-----------|
| 67-64-1 | Acetone | 8 hours | 1210 | 500 | | EH40/2005 |
| | | Short-term | 3620 | 1500 | | |
| 106-97-8 | Butane | 8 hours | 1450 | 600 | | EH40/2005 |
| | | Short-term | 1810 | 750 | | |
| 124-38-9 | Carbon dioxide | 8 hours | 9150 | 5000 | | EH40/2005 |
| | | Short-term | 27400 | 15000 | | |
| 64-17-5 | ethanol | 8 hours | 1920 | 1000 | | EH40/2005 |
| 67-63-0 | propan-2-ol | 8 hours | 999 | 400 | | EH40/2005 |
| | | Short-term | 1250 | 500 | | |

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC or 2006/15/EC)

| CAS No | Name | Code | [mg/m ³] | [ppm] | Remark |
|----------|----------------|---------|----------------------|-------|--------|
| 67-64-1 | acetone | 8 hours | 1210 | 500 | |
| 124-38-9 | carbon dioxide | 8 hours | 9000 | 5000 | |

Respiratory protection

Environment-independent breathing apparatus.
If ventilation insufficient, wear respiratory protection.
Multi-purpose filter ABEK/P3

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 with side protection

Skin protection

protective clothing



Experiences made from practice

Often and long skin contact may cause degreasing and desiccation of the skin which may cause skin irritation.
Irritates respiratory tract.
Inhalation causes narcotic effect/intoxication.

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 |
|---------------------------------|-------------------------------------|--------------------|--------|------------|
| Biological degradability | The product is slightly degradable. | | | |

Additional ecological information

| | Value | Method | Remark |
|------------|---|--------|--------|
| AOX | The product contains no organically bound halogen in accordance with the formulation. | | |

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. | Name of waste |
|----------------|--|
| 15 01 04 | metallic packaging |
| 15 01 10* | 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.
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.
Packaging that cannot be cleaned should be disposed of like the product.

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 GmbH)

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
- Xi** Irritant
- N** Dangerous for the environment

R-phrases

- 12 Extremely flammable.
- 38 Irritating to skin.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 67 Vapours may cause drowsiness and dizziness.

S-phrases

- 23.4 Do not breathe spray.
- 51 Use only in well-ventilated areas.
- 60 This material and its container must be disposed of as hazardous waste

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 sources of ignition - No smoking. Keep out of the reach of children.

Contents materials in accordance with Detergents Regulation (648/2004/EC)

> 30% aliphatic hydrocarbons; < 5% Odoriferous substances (d-Limonen)

Contains (R)-(+)-Limonen. May produce an allergic reaction.

VOC standard

- | | |
|--------------------|---------|
| VOC content | 66,5 % |
| VOC value | 665 g/L |

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

- R 11 Highly flammable.
- R 12 Extremely flammable.
- R 36 Irritating to eyes.
- 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.