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

Product identifier

Name of product
Plastic-Cleaner Spray (GB)
Code-Nr. 112040

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
Xi; R38
N; R51/53
R67

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.

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
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	Do not breathe spray.
24	Avoid contact with skin.

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

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.
Contents materials in accordance with Detergents Regulation (648/2004/EC)
> 30% aliphatic hydrocarbons; < 5% Odoriferous substances (d-Limonen)

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

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
64-17-5	200-578-6	ethanol	2,5 - 10	F R11
67-56-1	200-659-6	methanol	0,1 - 1	F R11; T R23/24/25-39/23/24/25
106-97-8	203-448-7	butane	2,5 - 10	F+ R12
109-66-0	203-692-4	pentane	10 - 20	F+ R12; Xn R65; R66; R67; N R51-53
74-98-6	200-827-9	propane	2,5 - 10	F+ R12
64742-49-0	265-151-9	Naphtha (petroleum) hydrotreated light; naphtha hydrotreated, low-boiling (note P)	50 - 70	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.
If swallowed seek medical advice immediately and show the doctor packing or label.

Physician's information / possible symptoms
The following symptoms may occur:
Unconsciousness
Delirious state
vomiting
Headache
Confusion

5. Firefighting measures

Suitable extinguishing media
Alcohol-resistant foam
Dry powder
Carbon dioxide
water mist

Extinguishing media which must not be used for safety reasons
water

Special hazards arising from the substance or mixture
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.

Environmental precautions
Do not discharge into the drains or bodies of water..

Methods for cleaning up
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.
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.
Keep container in a well-ventilated place
Storage temperature may not exceed 50°C (=122°F).
Recommended storage temperature: room temperature.

8. Exposure controls/personal protection

Additional advice on system design
Sufficient ventilation and exhaustion.

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
67-56-1	methanol	8 hours	266	200	EH40/2005
		Short-term	333	250	

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
109-66-0	pentane	8 hours	3000	1000	
67-56-1	methanol	8 hours	260	200	skin

Respiratory protection
Environment-independent breathing apparatus.
If ventilation insufficient, wear respiratory protection.
Short term: filter apparatus, Filter A/P2

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 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.

9. Physical and chemical properties

Form	Colour	Odour
aerosol	colourless, clear	of orange

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
boiling point	-44 °C				
Flash point	-97 °C				
Ignition temperature	200 °C				

	Value	Temperature	at	Method	Remark
Autoignition	not applicable				
Lower explosion limit	0,8 Vol-%				
Upper explosion limit	7,8 Vol-%				
Vapour pressure	7 bar	20 °C			
Density	0,669 g/ml	20 °C			
Solubility in water	5 g/l	20 °C			
Solvent concentration	100 %				

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.
Uncleaned empty vessels may contain product gases which can form explosive mixtures with air.

Hazardous decomposition products
No hazardous decomposition products known.

Thermal decomposition

Remark No decomposition if used as directed.

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	irritant			
Irritability eye	low irritant - no labeling duty			

Experiences made from practice
Irritates respiratory tract.
Irritates mucous membranes.
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

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 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
Recycling, if possible.
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.

Recommended cleansing agent
E.g white spirit.

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 (Naphta (Petroleum), Pentane), 2.1, MARINE POLLUTANT
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	100 %
VOC value	669 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.
Danish MAL-code: 5-3

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 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R 38 Irritating to skin.
R 39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
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.