

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

**Name of product** Compressed-Air Spray (GB)  
Art.-Nr. 0690 165 400

**Relevant identified uses of the substance or mixture and uses advised against**  
**Recommended intended purpose(s)**  
Technical Aerosols

**Details of the supplier of the safety data sheet**

**Manufacturer/distributor** VELLE Kimyasal Ürünler Nal. Dem. Hır. San. Ve Dış Tic. Ltd. Şti  
Evliya Çelebi Mah. Genç Osman Cad. Feraset Sok. No.: 2  
TR-34944 Tuzla / İstanbul - TÜRKİYE  
**Phone** : +90 (216) 701 24 01 **Fax** : +90 (216) 701 24 02  
**E-Mail** : [info@velle.com.tr](mailto:info@velle.com.tr)  
**Internet** : [www.velle.com.tr](http://www.velle.com.tr)

**Advice**

**Phone** : +90 (216) 701 24 01  
**E-Mail** : [info@velle.com.tr](mailto:info@velle.com.tr)

**Emergency telephone number**

**Emergency advice** (8:00h - 18:00h) VELLE Kimyasal  
Phone +90 (216) 701 24 01

**SECTION 2: Hazards identification****Classification of the substance or mixture****Classification according to 67/548/EEC or 1999/45/EC**

F+; R12

**R-phrases**

12 Extremely flammable.

**Label elements****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.

**S-phrases**23 Do not breathe spray.  
51 Use only in well-ventilated areas.**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.

**Other hazards**

**Information pertaining to special dangers for human and environment**

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

**SECTION 3: Composition/ information on ingredients****Mixtures****Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
61641-74-5		propane/butane-mixture	90-100	F+, R12

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
61641-74-5		propane/butane-mixture	90-100	Flam. Gas 1, H220 / Press Gas, H280

**Description**

Preparation based on propellant mixture.

**SECTION 4: First aid measures****Description of first aid measures****General information**

Remove moisted clothing immediately.

**In case of inhalation**

Ensure of fresh air.

**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 water.

**In case of ingestion**

Seek medical advice.

Medical treatment.

**Most important symptoms and effects, both acute and delayed****Physician's information / possible symptoms**

The following symptoms may occur:

Anaesthetic state

Headache

**Indication of any immediate medical attention and special treatment needed**

No information available.

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**

Foam

Dry powder

Carbon dioxide

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

Full water jet

**Special hazards arising from the substance or mixture**

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

**Advice for firefighters****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.

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**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Use personal protective clothing.

**Environmental precautions**

Do not discharge into the subsoil/soil.

**Methods and material for containment and cleaning up**

Allow to vaporise.

**Reference to other sections**

No information available.

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**SECTION 7: Handling and storage****Precautions for safe handling****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.

Do not pierce or burn even after use.

The product is combustible.

Vapours can form an explosive mixture with air.

Formation of explosive gas mixtures in air.

**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.

**Advice on storage compatibility**

Do not store with combustible materials.

**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).

Store container at cool and aired place.

Close container again moistureproof after taking sample.

Keep in a cool place.

Recommended storage temperature: room temperature.

**Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection****Control parameters****Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
106-97-8	Butane	8 hours Short-term	1450 1810	600 750	EH40/2005

**Exposure controls****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. 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

**Skin protection**

protective clothing

**General protective measures**

Do not inhale dust/fumes/aerosols.

**Hygiene measures**

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

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties****Form**

aerosol

**Colour**

colourless, clear

**Odour**

solvent-like

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>boiling point</b>	-42 °C				
<b>Flash point</b>	< 0 °C				
<b>Ignition temperature</b>	470 °C				
<b>Lower explosion limit</b>	1,7 Vol-%				
<b>Upper explosion limit</b>	9,5 Vol-%				
<b>Vapour pressure</b>	4 bar	20 °C			
<b>Density</b>	0,55 g/ml	20 °C			

**Other information**

No information available.

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**SECTION 10: Stability and reactivity****Reactivity**

No information available.

**Chemical stability**

No information available.

**Possibility of hazardous reactions**

No information available.

**Conditions to avoid**

Keep away from heat.

Formation of explosive gas/air mixtures.

**Incompatible materials**

No information available.

**Hazardous decomposition products**

No hazardous decomposition products known.

**Thermal decomposition**

Remark No decomposition if used as directed.

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**SECTION 11: Toxicological information****Information on toxicological effects****Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>Irritability skin</b>	low irritant effect - not necessary to label			
<b>Irritability eye</b>	low irritant - no labeling duty			

**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.

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**SECTION 12: Ecological information****Toxicity**

No information available.

**Persistence and degradability**

No information available.

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available.

**Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**Other adverse effects****General regulation**

Do not allow uncontrolled leakage of product into the environment.

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

15 01 10\*

**Name of waste**

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.

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**SECTION 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 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)

**Special precautions for user**

No information available.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

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**SECTION 15: Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC standard****Remark**

Daten separat anfragen / Request data separately.

**Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

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**SECTION 16: Other information****Recommended 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 12 Extremely flammable.

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.