

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 12.02.2019

Version number 2.6

Revision: 12.02.2019

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

**1.1 Product identifier****Trade name:** Air Duster**Article number:** 55030001, 55045003**UFI-Code:** D0C0-Y044-H002-GEYC**1.2 Relevant identified uses of the substance or mixture and uses advised against****Sector of Use** SU21 Consumer uses: Private households / general public / consumers**Application of the substance / the mixture** Cleaning agent/ Cleaner**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Stanger Produktions- und Vertriebs GmbH &amp; Co KG

Ferdinand-Porsche-Straße 2

D-32339 Espelkamp

Telefon: +49 5743-9307-0

**Further information obtainable from:**

Abteilung Produktsicherheit

info@stanger.de

**1.4 Emergency telephone number:**

+49-5743-9307-0

(Montag bis Freitag, 7:00 - 17:00 Uhr)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**GHS label elements**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS02

**Signal word** Danger**Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

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.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**Additional information:**

Buildup of explosive mixtures possible without sufficient ventilation.

**2.3 Other hazards****Results of PBT and vPvB assessment** Not applicable.**PBT:** Not applicable.

(Contd. on page 2)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 12.02.2019

Version number 2.6

Revision: 12.02.2019

**Trade name: Air Duster**

(Contd. of page 1)

vPvB: Not applicable.



### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical characterisation: Mixtures

##### Description:

Mixture of substances listed below with nonhazardous additions.  
Active substance with propellant

##### Dangerous components:

CAS: 74-98-6 EINECS: 200-827-9	propane	 Flam. Gas 1, H220; Press. Gas C, H280	25-75%
CAS: 75-28-5 EINECS: 200-857-2	isobutane	 Flam. Gas 1, H220; Press. Gas C, H280	25-75%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:** Rinse opened eye for several minutes under running water.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:** No special measures required.

#### 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

No special measures required.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

#### Information about fire - and explosion protection:

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

(Contd. on page 3)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 12.02.2019

Version number 2.6

Revision: 12.02.2019

**Trade name: Air Duster**

(Contd. of page 2)

*Keep ignition sources away - Do not smoke.**Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.***7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:***Observe official regulations on storing packagings with pressurised containers.***Information about storage in one common storage facility:** *Not required.***Further information about storage conditions:** *Keep container tightly sealed.***Storage class:** 2 B**7.3 Specific end use(s)** *No further relevant information available.*\* **SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** *No further data; see item 7.***8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:***The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.***Additional information:** *The lists valid during the making were used as basis.***8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:** *Wash hands before breaks and at the end of work.***Respiratory protection:** *Use suitable respiratory protective device in case of insufficient ventilation.***Protection of hands:***The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation***Material of gloves***The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.***Penetration time of glove material***The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.***For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:***Butyl rubber, BR**Nitrile rubber, NBR***For the permanent contact gloves made of the following materials are suitable:** *Butyl rubber, BR***For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:***Nitrile rubber, NBR**Chloroprene rubber, CR***Eye protection:** *Not required.*

GB

(Contd. on page 4)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 12.02.2019

Version number 2.6

Revision: 12.02.2019

Trade name: Air Duster

(Contd. of page 3)

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

Form:	Aerosol
Colour:	Colourless
Odour:	Mild

##### Change in condition

Initial boiling point and boiling range:	<0 °C Not applicable, as aerosol.
--	--------------------------------------

Flash point:	-97 °C
--------------	--------

Ignition temperature:	460 °C
-----------------------	--------

Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
-----------------------	---

##### Explosion limits:

Lower:	1.7 Vol %
Upper:	10.9 Vol %

Vapour pressure at 20 °C:	8,300 hPa
---------------------------	-----------

Density at 20 °C:	0.57 g/cm <sup>3</sup>
-------------------	------------------------

##### Solubility in / Miscibility with water:

Not miscible or difficult to mix.

Organic solvents:	55.0 %
-------------------	--------

##### Verordnung über die Lenkungsabgabe auf flüchtigen organischen Verbindungen (Stand am 1. Januar 2009)

VOCV (CH)	100.00 %
-----------	----------

##### 9.2 Other information

No further relevant information available.

### SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

#### 10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

##### Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

##### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

(Contd. on page 5)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 12.02.2019

Version number 2.6

Revision: 12.02.2019

**Trade name: Air Duster**

(Contd. of page 4)

**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

**12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:** Not hazardous for water.**12.5 Results of PBT and vPvB assessment** Not applicable.**12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods****Recommendation**

Smaller quantities can be disposed of with household waste.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue**

15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
-----------	---

**Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

**14.1 UN-Number**

ADR, IMDG, IATA

UN1950

**14.2 UN proper shipping name**

ADR

1950 AEROSOLS

IMDG, IATA

AEROSOLS

**14.3 Transport hazard class(es)**

ADR



Class

2 5F Gases.

Label

2.1

IMDG, IATA



Class

2 Gases.

Label

2.1

(Contd. on page 6)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 12.02.2019

Version number 2.6

Revision: 12.02.2019

**Trade name: Air Duster**

(Contd. of page 5)

**14.4 Packing group**  
ADR, IMDG, IATA

Void

**14.5 Environmental hazards:****Marine pollutant:**

No

**14.6 Special precautions for user****Danger code (Kemler):****EMS Number:****Stowage Code**

Warning: Gases.

23

F-D,S-U

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre:

Category A. For AEROSOLS with a capacity above 1 litre:

Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

**Segregation Code**

SG69 For AEROSOLS with a maximum capacity of 1 litre:

Segregation as for class 9. Stow "separated from" class 1

except for division 1.4. For AEROSOLS with a capacity

above 1 litre: Segregation as for the appropriate

subdivision of class 2. For WASTE AEROSOLS:

Segregation as for the appropriate subdivision of class 2.

**14.7 Transport in bulk according to Annex II of****Marpol and the IBC Code**

Not applicable.

**Transport/Additional information:****ADR****Limited quantities (LQ)**

1L

**Excepted quantities (EQ)**

Code: E0

Not permitted as Excepted Quantity

**Transport category**

2

**Tunnel restriction code**

D

**IMDG****Limited quantities (LQ)**

1L

**Excepted quantities (EQ)**

Code: E0

Not permitted as Excepted Quantity

**UN "Model Regulation":**

UN 1950 AEROSOLS, 2.1

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**Seveso category P3a** FLAMMABLE AEROSOLS**Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

(Contd. on page 7)

GB

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 12.02.2019

Version number 2.6

Revision: 12.02.2019

**Trade name: Air Duster**

(Contd. of page 6)

**Department issuing SDS:** Abteilung Produktsicherheit**Contact:** Hr. Dr. Pohle**Abbreviations and acronyms:***RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)**ICAO: International Civil Aviation Organisation**ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)**IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**GHS: Globally Harmonised System of Classification and Labelling of Chemicals**EINECS: European Inventory of Existing Commercial Chemical Substances**ELINCS: European List of Notified Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Flam. Gas 1: Flammable gases – Category 1**Aerosol 1: Aerosols – Category 1**Press. Gas C: Gases under pressure – Compressed gas***\* Data compared to the previous version altered.**

GB