

## TABAC ORIGINAL DEODORANT SPRAY SPRAY DEODORANT

Version 0.0

SDS Number: S1021012

Revision Date: 18.07.2018

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

#### 1.1 Product identifier

Trade name : TABAC ORIGINAL DEODORANT SPRAY SPRAY  
DEODORANT

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the : Cosmetics  
Substance/Mixture

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer : Mäurer + Wirtz GmbH & Co.KG  
Zweifaller Straße 120  
52224 Stolberg  
Tel.: +49 (0)2402 8900

#### 1.4 Responsible Department

R&D Cosmetics Mäurer & Wirtz  
e-mail: m&w-msds@m-w.de

#### 1.5 Emergency telephone number

Informationszentrale gegen Vergiftungen  
Zentrum für Kinderheilkunde - Universitätsklinikum Bonn  
Adenauerallee 119  
D-53113 Bonn  
Notruf: +49-228-19 24 0  
Fax: +49-228-28 7-3 32 78 / +49-228-28 7-3 33 14  
Email: gizbn@ukb.uni-bonn.de  
<http://www.gizbonn.de>

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Cosmetics products are not subject to the regulation (EC) No 1272/2008  
Aerosols, Category 1 H222: Extremely flammable aerosol.  
(Calculation method)  
H229: Pressurised container: May burst if heated.

REGULATION (EC) No 1272/2008  
Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.  
(Calculation method)

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### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Cosmetics products are not subject to the regulation (EC) No 1272/2008

Hazard pictograms :



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H317 May cause an allergic skin reaction.

Precautionary statements : **Prevention:**  
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.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P280 Wear protective gloves.

#### Storage:

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

Hazardous components which must be listed on the label:

PARFUM

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Perfume product

#### Hazardous components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
ALCOHOL	64-17-5	Flam. Liq. 2; H225	>= 30 - < 50

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	200-578-6 603-002-00-5 01-2119457610-43	Eye Irrit. 2; H319	
PARFUM	Not Assigned	Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	>= 1 - < 2,5
Substances with a workplace exposure limit :			
BUTANE	106-97-8 203-448-7 601-004-00-0 exempted (Annex V)	Flam. Gas 1; H220 Press. Gas C; H280	>= 50 - < 70
PROPANE	74-98-6 200-827-9 601-003-00-5 Exempted (Annex V)	Flam. Gas 1; H220 Press. Gas C; H280	>= 10 - < 20

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and plenty of water.  
If skin irritation persists, call a physician.
- In case of eye contact : Protect unharmed eye.  
If eye irritation persists, consult a specialist.  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
If easy to do, remove contact lens, if worn.
- If swallowed : Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If accidentally swallowed obtain immediate medical attention.  
Gently wipe or rinse the inside of the mouth with water.

#### 4.2 Most important symptoms and effects, both acute and delayed

- Risks : May cause an allergic skin reaction.

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

- Treatment : For specialist advice physicians should contact the Poisons

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Information Service.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : No hazardous combustion products are known

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system. No special environmental precautions required.

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

#### 6.4 Reference to other sections

For disposal considerations see section 13., For personal protection see section 8.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat, drink or smoke.

#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage : Store at room temperature in the original container.

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areas and containers                      Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Advice on common storage           : No materials to be especially mentioned.

Storage class (TRGS 510)           : 2B, Aerosol cans and lighters

Further information on storage stability           : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s)                               : No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
BUTANE	106-97-8	AGW	1.000 ppm 2.400 mg/m <sup>3</sup>	DE TRGS 900
Peak-limit: excursion factor (category)	4;(II)			
Further information	Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission).			
ALCOHOL	64-17-5	AGW	500 ppm 960 mg/m <sup>3</sup>	DE TRGS 900
Peak-limit: excursion factor (category)	2;(II)			
Further information	Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission)., When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
PROPANE	74-98-6	AGW	1.000 ppm 1.800 mg/m <sup>3</sup>	DE TRGS 900
Peak-limit: excursion factor (category)	4;(II)			
Further information	Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission).			

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
ALCOHOL	Consumers	Ingestion	Long-term systemic effects	87 mg/kg
	Consumers	Skin contact	Long-term systemic	206 mg/kg

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			effects	
	Consumers	Inhalation	Acute local effects	950 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term systemic effects	114 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	343 mg/kg
	Workers	Inhalation	Acute local effects	1900 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term systemic effects	950 mg/m <sup>3</sup>

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
ALCOHOL	Soil	0,63 mg/kg
	Fresh water	0,96 mg/l
	Marine water	0,79 mg/l
	Fresh water sediment	3,6 mg/kg
	Marine sediment	2,9 mg/kg

## 8.2 Exposure controls

### Personal protective equipment

Eye protection : not required

Hand protection  
Remarks : not required

Skin and body protection : not required

Respiratory protection : not required

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : aerosol

Colour : No data available

Odour : odourized, characteristic

Odour Threshold : not determined

pH : Not applicable

Melting point/range : not determined

Boiling point/boiling range : Not applicable

Flash point : not determined

Evaporation rate : No data available

Flammability (solid, gas) : not auto-flammable

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Upper explosion limit / Upper flammability limit	:	15 %(V)
Lower explosion limit / Lower flammability limit	:	1,5 %(V) No data available
Vapour pressure	:	not determined
Relative vapour density	:	not determined
Relative density	:	No data available
Density	:	0,63 g/cm <sup>3</sup>
Solubility(ies)		
Water solubility	:	not determined
Solubility in other solvents	:	not determined
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	not determined
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	not determined
Explosive properties	:	No data available
Oxidizing properties	:	No data available

### 9.2 Other information

Refractive index	:	1,3713
Molecular weight	:	No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.  
No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

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Hazardous reactions : No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

#### Components:

##### ALCOHOL:

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg

##### BUTANE:

Acute inhalation toxicity : LC50 (Rat): 658 mg/l  
Exposure time: 4 h

#### Skin corrosion/irritation

Not classified based on available information.

#### Product:

Remarks : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Product:

Remarks : No eye irritation

#### Respiratory or skin sensitisation

##### Skin sensitisation

May cause an allergic skin reaction.

##### Respiratory sensitisation

Not classified based on available information.

#### Product:

Remarks : Not applicable



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### **Germ cell mutagenicity**

Not classified based on available information.

### **Carcinogenicity**

Not classified based on available information.

### **Reproductive toxicity**

Not classified based on available information.

### **STOT - single exposure**

Not classified based on available information.

### **STOT - repeated exposure**

Not classified based on available information.

### **Aspiration toxicity**

Not classified based on available information.

### **Further information**

#### **Product:**

Remarks : Health injuries are not known or expected under normal use.

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

#### **Product:**

Biodegradability : Remarks: No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

#### **Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### **12.6 Other adverse effects**

#### **Product:**

Additional ecological information : There is no data available for this product.

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Product : Offer surplus and non-recyclable solutions to a licensed disposal company.  
In accordance with local and national regulations.
- Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.
- Waste Code : The waste is hazardous waste pursuant to EU legislation. The waste code is to be defined in accordance with national legislation and the intended purpose.

### SECTION 14: Transport information

#### 14.1 UN number

- ADR : UN 1950
- IMDG : UN 1950
- IATA (Cargo) : UN 1950

#### 14.2 UN proper shipping name

- ADR : AEROSOLS
- IMDG : AEROSOLS
- IATA (Cargo) : Aerosols, flammable

#### 14.3 Transport hazard class(es)

- ADR : 2
- IMDG : 2.1
- IATA (Cargo) : 2.1

#### 14.4 Packing group

- ADR**
- Packing group : Not assigned by regulation
- Classification Code : 5F
- Labels : 2.1
- Tunnel restriction code : (D)
- IMDG**
- Packing group : Not assigned by regulation
- Labels : 2.1
- EmS Code : F-D, S-U
- IATA (Cargo)**
- Packing instruction (cargo aircraft) : 203

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Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

### 14.5 Environmental hazards

#### ADR

Environmentally hazardous : no

#### IMDG

Marine pollutant : no

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity 1	Quantity 2
P3a	FLAMMABLE AEROSOLS	150 t	500 t
18	Liquefied extremely flammable gases (including LPG) and natural gas	50 t	200 t

Water contaminating class (Germany) : WGK 1 slightly water endangering  
Classification according to AwSV, Annex 1 (5.2)

TA Luft List (Germany) : Total dust:  
Not applicable  
Inorganic substances in powdered form:  
Not applicable  
Inorganic substances in vapour or gaseous form:  
Not applicable  
Organic Substances:  
Not applicable  
Carcinogenic substances:  
Not applicable  
Mutagenic:  
Not applicable  
Toxic to reproduction:  
Not applicable

Occupational Illnesses (R-461-3, France) : Not applicable

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Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 83,53 %, 526,77 g/l  
VOC content excluding water

### 15.2 Chemical safety assessment

## SECTION 16: Other information

### Full text of H-Statements

H220 : Extremely flammable gas.  
H225 : Highly flammable liquid and vapour.  
H280 : Contains gas under pressure; may explode if heated.  
H304 : May be fatal if swallowed and enters airways.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H319 : Causes serious eye irritation.  
H411 : Toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Aquatic Chronic : Chronic aquatic toxicity  
Asp. Tox. : Aspiration hazard  
Eye Irrit. : Eye irritation  
Flam. Gas : Flammable gases  
Flam. Liq. : Flammable liquids  
Press. Gas : Gases under pressure  
Skin Irrit. : Skin irritation  
Skin Sens. : Skin sensitisation  
DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.  
DE TRGS 900 / AGW : Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC -

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No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

Aerosol 1                      H222, H229  
Skin Sens. 1                 H317

#### Classification procedure:

Calculation method  
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### Responsible Department

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DE / EN