

Page 1 of 11 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 19.01.2011 / 0007 Replaces revision of / Version: 23.04.2009 / 0006 Valid from: 19.01.2011 PDF print date: 26.01.2012 Glanz Sprühwachs 400ML Art.: 1647

# Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

## **1.1 Product identifier**

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## Glanz Sprühwachs 400ML Art.: 1647

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

No information available at present.

Uses advised against: No information available at present.

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

LIQUI MOLY GmbH, Jerg-Wieland-Straße 4, D-89081 Ulm-Lehr Telephone (+49) 0731-1420-0, Fax (+49) 0731-1420-88

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

## 1.4 Emergency telephone Advisory office in case of poisoning:

## Telephone number of the company in case of emergencies:

Tel.: (+49) 0731-1420-0

**SECTION 2: Hazards identification** 

## 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP) Not determined

**2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments).** F+,Extremely flammable R66

N, Dangerous for the environment, R51-53

## 2.2 Label elements

2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP) Not determined 2.2.2 Labeling according to Directives 67/548/EEC and 1999/45/EC (including amendments).

Symbols: F+/N Indications of danger: Extremely flammable Dangerous for the environment R-phrases: 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 66 Repeated exposure may cause skin dryness or cracking. S-phrases: 23 Do not breathe vapour/spray.





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29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. 46 If swallowed, seek medical advice immediately and show this container or label.

51 Use only in well-ventilated areas.

61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Additions: Pressurized container:

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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. Keep away from sources of ignition - No smoking.

Keep out of the reach of children.

Without adequate ventilation, formation of explosive mixtures may be possible.

#### 2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006.

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006.

Danger of bursting (explosion) when heated

When using: development of explosive vapour/air mixture possible.

## **REGULATION (EC) No 648/2004**

30 % and more aliphatic hydrocarbons 5 % or over but less than 15 % aromatic hydrocarbons

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

Aerosol 3.1 Substance

#### n.a. 3.2 Mixture

Siz Mixture	
Naphtha (petroleum), hydrodesulfurized heavy	
Registration number (ECHA)	
Index	649-330-00-2
EINECS, ELINCS	265-185-4
CAS	CAS 64742-82-1
content %	50-70
Symbol	Xn/N
R-phrases	10-51-53-65-66
Classification categories / Indications of danger	Dangerous for the environment, Flammable, Harmful
Hazard class/Hazard category	Hazard statement
Flam. Liq./3	H226
Aquatic Chronic/2	H411
Asp. Tox./1	H304

For the text of the R-phrases / H-phrases and classification codes (GHS/CLP), see Section 16.

## **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

#### Inhalation

#### Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

Respiratory arrest - Artificial respiration apparatus necessary.

#### Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.



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#### Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary. Keep Data Sheet available.

#### Ingestion

Call doctor immediately - have Data Sheet available. Do not induce vomiting.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. The following may occur: Irritation of the eyes Irritation of the respiratory tract Coughing Headaches Nausea Effects/damages the central nervous system With long-term contact: Dermatitis (skin inflammation) Product removes fat.

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

n.c.

### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media Suitable extinguishing media CO2 Extinction powder Cool container at risk with water. Unsuitable extinguishing media High volume water jet 5.2 Special hazards arising from the substance or mixture In case of fire the following can develop: Oxides of carbon Oxides of sulphur Oxides of nitrogen Aldehydes Ketones Hydrocarbons Toxic pyrolysis products. Danger of explosion by prolonged heating. Explosive vapour/air mixture In case of spreading near the ground, flashback to distance sources of ignition is possible. 5.3 Advice for firefighters Protective respirator with independent air supply. According to size of fire Full protection, if necessary Dispose of contaminated extinction water according to official regulations.

## SECTION 6: Accidental release measures

## 6.1 Personal precautions, protective equipment and emergency procedures

Remove possible causes of ignition - do not smoke. Ensure sufficient supply of air.

## Avoid inhalation, and contact with eyes or skin.

**6.2 Environmental precautions** Prevent from entering drainage system.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous.



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

If spray or gas escapes, ensure ample fresh air is available. Active substance:

Soak up with absorbent material (e.g. universal binding agent) and dispose of according to Section 13.

#### 6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

#### **SECTION 7: Handling and storage**

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

#### 7.1 Precautions for safe handling

## 7.1.1 General recommendations

Ensure good ventilation. Keep away from sources of ignition - Do not smoke. Take measures against electrostatic charging, if appropriate. Do not use on hot surfaces. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use. Use working methods according to operating instructions. **7.1.2 Notes on general hygiene measures at the workplace** General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

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

Keep out of access to unauthorised individuals.

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Do not store with oxidizing agents.

Observe special regulations for aerosols!

Keep protected from direct sunlight and temperatures over 50°C.

Store in a well ventilated place.

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung").

### 7.3 Specific end use(s)

No information available at present.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40): 100 mg/m3

Chemical Name	Naphtha (petroleum), hydrode	sulfurized heavy		Content %:50-70
WEL-TWA: 100 mg/m3 (AGW)	WEL-ST	EL: 2(II) (AGW)		
BMGV:			Other information:	
Chemical Name	Butane			Content %:
WEL-TWA: 600 ppm (1450 mg/m3	3) WEL-ST	L: 750 ppm (1810 r	ng/m3)	
BMGV:			Other information:	
Chemical Name	Propane			Content %:
WEL-TWA: 1000 ppm (ACGIH)	WEL-ST	EL:		
BMGV:	•		Other information:	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) |



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Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

## 8.2 Exposure controls 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

#### 8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

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Skin protection - Hand protection: Protective Neopren gloves (EN 374). Protective hand cream recommended.

Skin protection - Other:

Tight fitting protective goggles with side protection (EN 166).

Protective nitrile gloves (EN 374)

Protective working garments (e.g. safety shoes EN ISO 20345, longsleeved protective working garments)

Respiratory protection: No If OES or MEL is exceeded. Gas mask filter A (EN 14387), code colour brown At high concentrations: Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138)

Normally not necessary.

Thermal hazards:

If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

## 8.2.3 Environmental exposure controls

No information available at present.

### **SECTION 9: Physical and chemical properties**

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

Physical state: Physical state: Colour: Odour: Odour threshold: pH-value: Melting point/freezing point: Initial boiling point and boiling range: Flash point: Evaporation rate: Flammability (solid, gas): Lower evaposition limit:	Aerosol Substance: Liquid White Characteristic Not determined Not determined Not determined n.a. Not determined Not determined O & Vel % (Naphtha (petroloum) bydradosulfurized beau)
, , , , , , , , , , , , , , , , , , , ,	
Lower explosive limit:	0,6 Vol-% (Naphtha (petroleum), hydrodesulfurized heavy)
Upper explosive limit:	8 Vol-% (Naphtha (petroleum), hydrodesulfurized heavy)



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Vapour pressure: Vapour density (air = 1): Density: Bulk density: Solubility(ies): Water solubility: Partition coefficient (n-octanol/water): Auto-ignition temperature: Decomposition temperature: Viscosity: Explosive properties: Oxidising properties:

#### 9.2 Other information

Miscibility: Fat solubility / solvent: Conductivity: Surface tension: Solvents content: Not determined Vapours heavier than air. 0,78 g/ml Not determined Not

Not determined Not determined Not determined Not determined Not determined

## **SECTION 10: Stability and reactivity**

#### **10.1 Reactivity**

See also Subsection 10.4 to 10.6. The product has not been tested. **10.2 Chemical stability** See also Subsection 10.4 to 10.6. Stable with proper storage and handling. **10.3 Possibility of hazardous reactions** See also Subsection 10.4 to 10.6.

#### 10.4 Conditions to avoid

See also section 7. Pressure increase will result in danger of bursting. Heating, open flame, ignition sources

### **10.5 Incompatible materials**

See also section 7. Avoid contact with oxidizing agents.

### 10.6 Hazardous decomposition products

See also Subsection 10.4 to 10.6.

See also section 5.2

## **SECTION 11: Toxicological information**

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Toxicity/effect	Endpoin t	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.



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Specific target organ toxicity -	n.d.a.
repeated exposure (STOT-RE):	
Aspiration hazard:	n.d.a.
Respiratory tract irritation:	n.d.a.
Repeated dose toxicity:	n.d.a.
Symptoms:	n.d.a.
Other toxicity data:	Classification according
	to calculation procedure.

Toxicity/effect	Endpoin	Value	Unit	Organism	Test method	Notes
	t					
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LC50	>5	mg/l/4h	Rat		
Skin corrosion/irritation:						Repeated exposure may
						cause skin dryness or
						cracking.
Serious eye damage/irritation:						Not irritant
Respiratory or skin						Not sensitizising
sensitisation:						
Germ cell mutagenicity:						Negative
Aspiration hazard:						Yes
Symptoms:						dizziness,
						unconsciousness,
						vomiting, annoyance, skin
						afflictions,
						heart/circulatory
						disorders, headaches,
						cramps, drowsiness,
						dizziness

Toxicity/effect	Endpoin	Value	Unit	Organism	Test method	Notes
· · · · · <b>,</b> · · · · · <b>,</b>	t					
Acute toxicity, by inhalation:	LC50	658	mg/l/4h	Rat		
Germ cell mutagenicity:					OECD 471 (Bacterial	Negative
					Reverse Mutation Test)	-
Symptoms:						ataxia, breathing
						difficulties, dizziness,
						unconsciousness,
						frostbite, disturbed heart
						rhythm, headaches,
						cramps, intoxication,
						dizziness, nausea and
						vomiting.
<b>D</b> aga and a second sec						
Propane	<b>F</b> acility size	Malara	11	0	To at we ath a d	Netes
Toxicity/effect	Endpoin	Value	Unit	Organism	Test method	Notes
	t					
Germ cell mutagenicity	t				OECD 471 (Bacterial	Negative
Germ cell mutagenicity (bacterial):	t				OECD 471 (Bacterial Reverse Mutation Test)	Negative
	t					Negative breathing difficulties,
(bacterial):	t					-
(bacterial):	t					breathing difficulties,
(bacterial):	t					breathing difficulties, unconsciousness, frostbite, headaches, cramps, mucous
(bacterial):	t					breathing difficulties, unconsciousness, frostbite, headaches, cramps, mucous membrane irritation,
(bacterial):	t					breathing difficulties, unconsciousness, frostbite, headaches, cramps, mucous

**SECTION 12: Ecological information** 



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Art.: 1647							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and							n.d.a.
degradability:							
Bioaccumulative							n.d.a.
potential:							
Mobility in soil:							Product is slightly volatile.
Results of PBT and							n.d.a.
vPvB assessment							
Other adverse effects:							n.d.a.
Other ecotoxicological							According to the recipe,
data:							contains no AOX.

Naphtha (petroleum), hydrodesulfurized heavy								
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes	
Toxicity to fish:	LC50	96h	41,4	mg/l	(Oncorhynchus mykiss)			
Toxicity to daphnia:	LC50	96h	2,6	mg/l				
Persistence and degradability:		28d	59,7	%				
Bioaccumulative potential:	Log Pow		4,1-6,5					

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods For the substance / mixture / residual amounts

#### EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

16 05 04 gases in pressure containers (including halons) containing dangerous substances Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

#### For contaminated packing material

Pay attention to local and national official regulations

Recommendation:

Do not perforate, cut up or weld uncleaned container.

15 01 04 metallic packaging

15 01 10 packaging containing residues of or contaminated by dangerous substances

## **SECTION 14: Transport information**

#### **General statements** UN number: 1950 Transport by road/by rail (ADR/RID) UN proper shipping name: UN 1950 AEROSOLS × 2.1 Transport hazard class(es): Packing group: Classification code: 5F LQ (ADR 2011): 1 L LQ (ADR 2009): 2 Environmental hazards: environmentally hazardous



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Tunnel restriction code:	D
Transport by sea (IMDG-code)	
UN proper shipping name:	
AEROSOLS	
Transport hazard class(es):	2.1
Packing group:	·
EmS:	F-D, S-U
Marine Pollutant:	Yes
Naphtha (petroleum), hydrodesulfurized heavy	
Environmental hazards:	environmentally hazardous
Transport by air (IATA)	
UN proper shipping name:	
Aerosols, flammable	
Transport hazard class(es):	2.1
Packing group:	
Environmental hazards:	Not applicable
Special precautions for user	
Persons employed in transporting dangerous goods must be trained.	
All persons involved in transporting must observe safety regulations.	
Precautions must be taken to prevent damage.	
Transport in bulk according to Annex II of MARF	OL 73/78 and the IBC Code
Freighted as packaged goods rather than in bulk, therefore not applica	DIE.
Minimum amount regulations have not been taken into account.	
Danger code and packing code on request.	
	ulatory information
	ulatory information
SECTION 15: Reg	
SECTION 15: Reg	
SECTION 15: Reg 15.1 Safety, health and environmental regulation	ulatory information s/legislation specific for the substance or mixture
SECTION 15: Reg	
SECTION 15: Reg <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2. Observe restrictions:	s/legislation specific for the substance or mixture
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<b>SECTION 15: Reg</b> <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2. Observe restrictions: Comply with trade association/occupational health regulations. Observe incident regulations. Observe youth employment law (German regulation).	s/legislation specific for the substance or mixture
<b>SECTION 15: Reg</b> <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2. Observe restrictions: Comply with trade association/occupational health regulations. Observe incident regulations. Observe youth employment law (German regulation). Regulation (EC) No 1907/2006, Annex XVII VOC 1999/13/EC > 97% w/w	s/legislation specific for the substance or mixture
SECTION 15: Reg <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2.         Observe restrictions:         Comply with trade association/occupational health regulations.         Observe incident regulations.         Observe incident regulations.         Observe youth employment law (German regulation).         Regulation (EC) No 1907/2006, Annex XVII         VOC 1999/13/EC > 97% w/w <b>15.2 Chemical safety assessment</b>	s/legislation specific for the substance or mixture
SECTION 15: Reg <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2.         Observe restrictions:       Comply with trade association/occupational health regulations.         Observe incident regulations.       Observe incident regulations.         Observe youth employment law (German regulation).       Regulation (EC) No 1907/2006, Annex XVII         VOC 1999/13/EC > 97% w/w <b>15.2 Chemical safety assessment</b> A chemical safety assessment is not provided for mixtures.	s/legislation specific for the substance or mixture
SECTION 15: Reg <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2.         Observe restrictions:       Comply with trade association/occupational health regulations.         Observe incident regulations.       Observe incident regulations.         Observe youth employment law (German regulation).       Regulation (EC) No 1907/2006, Annex XVII         VOC 1999/13/EC > 97% w/w <b>15.2 Chemical safety assessment</b> A chemical safety assessment is not provided for mixtures.	s/legislation specific for the substance or mixture
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SECTION 15: Reg <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2.         Observe restrictions:         Comply with trade association/occupational health regulations.         Observe incident regulations.       Observe incident regulations.         Observe youth employment law (German regulation).       Regulation (EC) No 1907/2006, Annex XVII         VOC 1999/13/EC > 97% w/w <b>5.2 Chemical safety assessment</b> A chemical safety assessment is not provided for mixtures. <b>SECTION 16: C</b> These details refer to the product as it is delivered.	s/legislation specific for the substance or mixture Yes Other information
SECTION 15: Reg <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2.         Observe restrictions:         Comply with trade association/occupational health regulations.         Observe incident regulation/occupational health regulations.         Observe youth employment law (German regulation).         Regulation (EC) No 1907/2006, Annex XVII         VOC 1999/13/EC > 97% w/w <b>SECTION 16: C</b> These details refer to the product as it is delivered.         Revised sections:	s/legislation specific for the substance or mixture Yes Other information
SECTION 15: Reg <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2.         Observe restrictions:         Comply with trade association/occupational health regulations.         Observe incident regulation/occupational health regulations.         Observe youth employment law (German regulation).         Regulation (EC) No 1907/2006, Annex XVII         VOC 1999/13/EC > 97% w/w <b>SECTION 16: C</b> These details refer to the product as it is delivered.         Revised sections:         The following statements are the indicated R-phrases / H-phrases and	s/legislation specific for the substance or mixture Yes
SECTION 15: Reg <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2.         Observe restrictions:         Comply with trade association/occupational health regulations.         Observe incident regulation (EC) No 1907/2006, Annex XVII         VOC 1999/13/EC > 97% w/w <b>SECTION 16: C</b> These details refer to the product as it is delivered.         Revised sections:         The following statements are the indicated R-phrases / H-phrases and 10 Flammable. <th>s/legislation specific for the substance or mixture Yes Other information</th>	s/legislation specific for the substance or mixture Yes Other information
SECTION 15: Reg <b>15.1 Safety, health and environmental regulation</b> For classification and labelling see Section 2.         Observe restrictions:         Comply with trade association/occupational health regulations.         Observe incident regulations.         Observe youth employment law (German regulation).         Regulation (EC) No 1907/2006, Annex XVII         VOC 1999/13/EC > 97% w/w <b>SECTION 16: C</b> These details refer to the product as it is delivered.         Revised sections:         The following statements are the indicated R-phrases / H-phrases and 10 Flammable.         51 Toxic to aquatic organisms.	s/legislation specific for the substance or mixture Yes Other information
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ACCH American Conference of Governmental Industrial Hygenists ADR Accord europeen relating ut transport international des marchandes Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road) ADEL Acceptable Operator Exposure Level ADX Adsorbable organic halogen compounds approx.approvoumely ATE Accentration for the Control of State Stat	
ADR Accord européen relaif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road) AOEL Acceptable Operator Exposure Level ACX Adschable ergain halogen compounds approx.approximately MTE Acute Toxicky Estimate according to Regulation (EC) 1272/2008 (CLP) BAM Bundesanstat für Arbeitrationschung und -prüfung (Federal Institute for Occupational Health and Safety, Germany) BCF Bioconcentration factor Boy Bendgenossenschaft für Arbeitrationschulzer (E- Federal Institute for Occupational Health and Safety, Germany) BCF Bioconcentration factor BCW Bendgenossenschaft für Arbeitrationschulzer (E- Federal Institute for Occupational Health and Safety, Germany) BCF Bioconcentration factor BCW Bendgenossenschaft für Arbeitration endle (E- Accident Prevention Regulation) BHT Buthylydroxytoluol (= 2,6-Di-Buthyl-Amethyl-pheno) BUGW Biologenossenschaft für Arbeitration value (EHAO, UK) BCF Bronnine Science and Environmental Forum Word by weight CAS Chemical Abstracts Service CCESIC Combits Européen des Agents de Sufface et de leurs Intermédiaires Organiques CIPAC Collaborative International Pesticicles Analytical Council CLP Classitication, Labelling and Packaging (FEGULITION (EC) No 12/2/2008 on classification, labelling and packaging of substances and matures) OME: Derived Word fifter Level DNEL Derived von Schweißen und verwandte Vershmen e.V. (= German Association for Welding and Allied Processes) dw dy weight ECHA European Chemistration DTSD DeuterStree Verschaft für Schweißen nud verwandte Vershmen e.V. (= German Association for Welding and Allied Processes) dw dy weight ECHA European Normal Exploration of Latin 'exempti gratia'), for instance ELINCES European Internation af Latin 'exempti gratia'), for instance ELINCES European Norma (E- Schweißen und verwandte Vershmen e.V. (= German Association for Welding and Allied Processes) dw dy weight ECHA European Norma (E- Carbon DTSD DeuterSchweißen und verwandte Vershmen e.V. (=	
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Ari, Ar. ino.       Anci is number         Art.       Art. ino.       Anci is number         BAM       Bundesanstati für Anterialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)         BAM       Bundesanstati für Anterialforschung und -prüfung (Federal Institute for Occupational Health and Safety, Germany)         BCF       Bacufgenossenschaftliche Vorschrift (= Accident Prevention Regulation)         BHT       Burghingionssenschaftliche Vorschrift (= Accident Prevention Regulation)         CBE       Conscient Sensora and Environmental Forum         Verschrift       Conscient Sensora and Environmental Forum         CPAC       Collaborative International Pesticales Analytical Council         CDP       Collaborative International Pesticales Association         DHEL       Derved Malimum Effect Level         DHS	
Artie       Acute Toxistry Estimate according to Regulation (EC) 1272/2008 (CLP)         BAM       Bundesensatia für Anbeitschutz und Arbeitsmedizin (= Federal Institute for Materials Research and Testing, Germany)         BAA       Bundesensatia für Anbeitschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)         BGV       Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)         BHT       Butylifydoxytolus (= 2.6 - Di-thutyl-+ methyl-phenol)         BMGW       Biological monitoring guidance value (EH40, UK)         BOD       Biochemical oxygen demand         BSEF       Bromine Science and Environmental Forum         W       body weight         CRA       Chemical Astrats Service         CRA       Contencial oxygen demand         CPA       Contencial Astrats Service         CDD       Contencial oxygen demand         CRE       Contencial Astrats Service         CDD       Contencial Astrats Service         CDD       Contencial Astrats Service         CRA       Cartify and Fragmance Asosciation         DNEL       De	
BAM       Bundesensitä für Alteriaförschung und -präfung (Federal Institute for Occupational Health and Safety, Germany)         BKM       Bundesensitä für Alteriaförschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)         BKT       Bioconcentration factor         BKV       Berufgeanosenschaftliche Vorschrift (= Accident Prevention Regulation)         BHT       Bundtsgenosenschaftliche Vorschrift (= Accident Prevention Regulation)         BKT       Brönnies Science and Environmental Forum         BW       Biociderative International Presitiones Analytical Council         CIPAC       Collastication, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures for multigene for analytic provident international Presiticates Analytical Council         CIPAC       Collastication, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures for Accenteric Tolenty, and Fragrance Association         DMEL       Derived Minimum Effect Lavel         DMEL       Derived Minimum Effect Lavel         DME       Derived Minimum Effect Lavel <td></td>	
BCC       Bioconcentration factor         BCV       Betragenosenschaftliche Vorschrift (= Accident Prevention Regulation)         BHT       Buryflydroxytoluol (= 2,6-Di-Evbuyf-4-methy-sphenol)         BMCW       Biologial monitoring guidance value (EH40, UK)         BOD       Biochemical oxygen demand         BSEF       Bronines Science and Environmental Forum         bw       body weight         CCA       Chemical Abstracts Service         CIPAC Collaborative International Pescides Analytical Council         CLPAC       Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)         and mixtures)       carcinoganic, mutagenic, reproductive toxic         CDD       Chemical oxygen demand         DDEL       Denice 10 mit of the function of stat concentration         DDEL       Denice 10 mit of the function of stat concentration         DDEL       Denice 10 mit of the function of stat concentration         DVS       Denice 10 mit of the function of stat concentration         DVS       Denice 10 mit of the function of stat concentration         DVS       Denice 10 mit of the function of stat concentration         DVS       Denice 10 mit of the function of stat concentration         DVS       Denitscher Verethand für Schweibig commercial Chemical Sub	
BEV       Burlythydroxytoulo (= 2.6-Di-Lbuyly-mothylphenol)         BMT       Burlythydroxytoulo (= 2.6-Di-Lbuyly-mothylphenol)         BMS       Biological monitoring guidance value (EH40, UK)         BOD       Biochemical oxygen demand         BSEF       Bromine Science and Environmental Forum         bw       body weight         CAS       Chemical Abstracts Service         CESIO       Conlisborative International Pesticides Analytical Council         CLP       Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)         CMR       carcinogenic, mutagenic, reproductive toxic         CDD       Chemical oxygen demand         CTFA       Cosmetic, Tolietty, and Fragrance Association         DMEL       Derived Minimum Effect Level         DDNE       Derived No Effect Level         DDC       Dissolved orgenic carbon         DTS       Dweight         e.g.       For example (abbreviation of Latin 'exempli gratia'), for instance         CE       European Community         CE       European Community         CEA       European Community         CEA       European Community         CEA       European Normas         EINECS       European Nor	
BHT Bulylingtroxytoluol (= 2,4-Di-L-bulyl-4-methyl-phenol) BWGV Biological monitoring guidance value (EH40, UK) BOD Biochemical oxygen demand BSEF Bromine Science and Environmental Forum bw body weight CAS Chenical Abstracts Service CESID Comite Europeen des Agents de Surface et de leurs Intermédiaires Organiques CIPAC Colloborative Intermational Pesicidees Analytical Council CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures) CMR carcinogenic, mutagenic, reproductive toxic COD Chenical oxygen demand CTFA Cosmetic, Toilety, and Fragrance Association DMEL Derived Minimum Effect Level DOEL Derived Minimum Effect Level DOEL Derived Minimum Effect Level DOEC Dissolved organic carbon DT50 Duvell Time - 50% reduction of star concentration DT50 Duvell Time - 50% reduction of star concentration DT50 Deutes Period Rich Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes) dw dy weight effect European Chemicals Agency EEA European Chemicals Agency EEA European Chemicals Agency EEA European Chemicals Agency EEA European Inventory of Existing Commercial Chemical Substances EN European Inventory of Existing Commercial Substances EN European Inventory of Existing Commercial Substances EN European Inventory of Existing Commercial Substances EN European Norms EN European Inventory of Existing Commercial Substances EN European Norms EN European Norms EN European Inventory of Existing Commercial Chemical Substances EN European Norms EN European Norms E	
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EU       European Union         EWC       European Waste Catalogue         Fax.       Fax number         gen.       general         GHS       Globally Harmonized System of Classification and Labelling of Chemicals         GWP       Global warming potential         HET-CAM       Hen's Egg Test - Chorionallantoic Membrane         IARC       International Agency for Research on Cancer         IATA       International Agency for Research on Cancer         IATA       International Air Transport Association         IBC       International Bulk Chemical (Code)         IC       Inhibitory concentration         IMDG-code       International Maritime Code for Dangerous Goods         incl.       including, inclusive         IUCLID International Uniform ChemicaL Information Database         LC       lethal concentration 50 percent kill         LCLo       lowest published lethal concentration         LD       Lethal Dose of a chemical	
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Page 11 of 11 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revised on / Version: 19.01.2011 / 0007
Replaces revision of / Version: 23.04.2009 / 0006
Valid from: 19.01.2011
PDF print date: 26.01.2012
Glanz Sprühwachs 400ML Art.: 1647
LDLo Lethal Dose Low
LMBG Lebensmittel- und Bedarfsgegenständegesetz (= Foodstuffs and Commodities Law)
LOAEL Lowest Observed Adverse Effect Level
LOEC Lowest Observed Effect Concentration
LOEL Lowest Observed Effect Level
LQ Limited Quantities
MARPOL International Convention for the Prevention of Marine Pollution from Ships
n.a. not applicable
n.av. not available
n.c. not checked
n.d.a. no data available
NIOSH National Institute of Occupational Safety and Health (United States of America)
NOAECNo Observed Adverse Effective Concentration
NOAEL No Observed Adverse Effect Level
NOEC No Observed Effect Concentration
NOEL No Observed Effect Level
ODP Ozone Depletion Potential
OECD Organisation for Economic Co-operation and Development
org. organic
PAH polycyclic aromatic hydrocarbon
PBT persistent, bioaccumulative and toxic
PC Chemical product category
PE Polyethylene
PNEC Predicted No Effect Concentration
POCP Photochemical ozone creation potential
ppm parts per million
PROC Process category
PTFE Polytetrafluorethylene
REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,
Evaluation, Authorisation and Restriction of Chemicals) RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International
RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)
SADT Self-Accelerating Decomposition Temperature
SAR Structure Activity Relationship
SU Sector of use
SVHC Substances of Very High Concern
Tel. Telephone
ThOD Theoretical oxygen demand
TOC Total organic carbon
TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)
VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))
VOC Volatile organic compounds
vPvB very persistent and very bioaccumulative
WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average)
reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).
WHO World Health Organization
wwt wet weight
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The statements made here should describe the product with regard to the necessary safety precautions - they are
not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.
No responsibility.

These statements were made by: Chemical Check GmbH, Wöbbeler Straße 2-4, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

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