

**DINITROL HIGH PERFORMANCE WAX SPRAY**

Revision: 26.01.2026

Product code: 20180

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

DINITROL HIGH PERFORMANCE WAX SPRAY

UFI: 91W0-1K2A-J007-TWUT

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Anti-corrosive coating

**Uses advised against**

No further relevant information available.

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name:	DINOL GmbH	
Street:	Pyrmonter Strasse 76	
Place:	D-32676 Luegde	
Telephone:	+ 49 (0) 5281 982980	Telefax: + 49 (0) 5281 9829860
E-mail:	msds@dinol.com	
Contact person:	Labor	
Internet:	www.dinol.com	
Responsible Department:	msds@dinol.com	

**Supplier**

Company name:	Leading Solvent Supplies Limited
Street:	Marston Business Park, Rudgate
Place:	GB Tockwith, York YO26 7QF
E-mail:	enquiries@leading-solvents.co.uk
Internet:	www.leading-solvents.co.uk

**1.4. Emergency telephone number:** Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)

**SECTION 2: Hazards identification**

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**2.1. Classification of the substance or mixture**

**Regulation (EC) No 1272/2008**

Aerosol 1; H222-H229  
 STOT SE 3; H336  
 Asp. Tox. 1; H304  
 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**

**Regulation (EC) No 1272/2008**

**Hazard components for labelling**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
 Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains calcium sulfonate. May produce an allergic reaction.

**Precautionary statements**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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- |           |  |
|-----------|--|
| 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.                            |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |

**Special labelling**

Restricted to professional users.

**Additional advice on labelling**

The classification of the aerosol was carried out according to EC 1272/2008, Annex 1, point 1.1.3.7.

**Labelling of packages where the contents do not exceed 125 ml**

Signal word: Danger

Pictograms:



**Hazard statements**

H222-H229-H412

**Precautionary statements**

P210-P211-P251-P410+P412

**2.3. Other hazards**

Endocrine disrupting properties: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics.  
No information available.

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

**3.2. Mixtures**

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**Relevant ingredients**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			25 - < 30 %
	919-857-5		01-2119463258-33	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304			
106-97-8	butane			10 - < 15 %
	203-448-7	601-004-00-0	01-2119485395-27	
	Flam. Gas 1, Press. Gas (Comp.); H220 H280			
74-98-6	propane			10 - < 15 %
	200-827-9		01-2119486944-21	
	Flam. Gas 1A, Press. Gas (Comp.); H220 H280			
-	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics			5 - < 10 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304			
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics			5 - < 10 %
	927-241-2		01-2119471843-32	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412			
109-66-0	pentane			5 - < 10 %
	203-692-4	601-006-00-1	01-2119459286-30	
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411 EUH066			
61789-86-4	calcium sulfonate			1 - < 5 %
	263-093-9		01-2119488992-18	
	Skin Sens. 1B; H317			

Full text of H and EUH statements: see section 16.

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**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
	919-857-5	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	25 - < 30 %
		inhalation: LC50 = > 5000 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
-	918-481-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	5 - < 10 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
	927-241-2	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	5 - < 10 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
109-66-0	203-692-4	pentane	5 - < 10 %
		inhalation: LC50 = > 25,3 mg/l (vapours); oral: LD50 = >5000 mg/kg	
61789-86-4	263-093-9	calcium sulfonate	1 - < 5 %
		dermal: LD50 = 4000 - 5000 mg/kg; oral: LD50 = 16000 mg/kg Skin Sens. 1B; H317: >= 10 - 100	

**Further Information**

Hydrocarbons meet the requirements for not being classified as carcinogenic (<0,1% benzene alt<3% (w/w) DMSO extract (IP 346)).

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

In all cases of doubt, or when symptoms persist, seek medical advice.  
 Never give anything by mouth to an unconscious person or a person with cramps.  
 If unconscious but breathing normally, place in recovery position and seek medical advice.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest.  
 If unconscious but breathing normally, place in recovery position and seek medical advice.

**After contact with skin**

Change contaminated clothing.  
 Wash with plenty of water/Soap.

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If skin irritation occurs: Get medical advice/attention.

**After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

**After ingestion**

If swallowed, rinse mouth with water (only if the person is conscious).  
Call a physician immediately.  
Put victim at rest, cover with a blanket and keep warm.  
Do NOT induce vomiting.

**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 media**

Carbon dioxide (CO<sub>2</sub>); Extinguishing powder; Water spray jet; alcohol resistant foam.

**Unsuitable extinguishing media**

High power water jet.

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

No further relevant information available.

**5.3. Advice for firefighters**

Use suitable breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures**

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**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Wear personal protection equipment.  
Avoid contact with skin, eyes and clothes.

**For emergency responders**

For further specification, refer to section 8 of the SDS.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).  
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).  
Treat the recovered material as prescribed in the section on waste disposal.

**For cleaning up**

Provide adequate ventilation.  
Clear contaminated areas thoroughly.  
Do not rinse down with water.

**Other information**

No information available.

**6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Provide adequate ventilation as well as local exhaustion at critical locations.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

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

**Advice on general occupational hygiene**

The usual precautionary measures are to be adhered to when handling chemicals.  
 Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately.  
 Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.  
 Remove contaminated, saturated clothing immediately.  
 Do not breathe gas/vapour/aerosol.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.  
 Do not keep the container sealed. Keep container dry.  
 Keep away from heat. Protect from direct sunlight.

**Hints on joint storage**

Not required.

**Further information on storage conditions**

Keep container tightly closed.

**7.3. Specific end use(s)**

No further relevant information available.

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

**8.1. Control parameters**

**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL
109-66-0	Pentane	600	1800		TWA (8 h)	WEL

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**DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics			
	Worker DNEL, long-term	inhalation	systemic	871 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	208 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	185 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	125 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	125 mg/kg bw/day
109-66-0	pentane			
	Worker DNEL, long-term	inhalation	systemic	3000 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	432 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	643 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	214 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	214 mg/kg bw/day
61789-86-4	calcium sulfonate			
	Worker DNEL, long-term	dermal	systemic	3,33 mg/kg bw/day
	Worker DNEL, long-term	dermal	local	1,03 mg/cm <sup>2</sup>
	Consumer DNEL, long-term	inhalation	systemic	2,9 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	1,667 mg/kg bw/day
	Consumer DNEL, long-term	dermal	local	0,513 mg/cm <sup>2</sup>
	Consumer DNEL, long-term	oral	systemic	0,8333 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	11,75 mg/m <sup>3</sup>

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**PNEC values**

CAS No	Substance	Value
Environmental compartment		
109-66-0	pentane	
Freshwater		0,230 mg/l
Marine water		0,230 mg/l
Freshwater sediment		1,2 mg/kg
Marine sediment		1,2 mg/kg
Micro-organisms in sewage treatment plants (STP)		3,600 mg/l
61789-86-4	calcium sulfonate	
Freshwater		1 mg/l
Marine water		1 mg/l
Freshwater sediment		226000000 mg/kg
Marine sediment		226000000 mg/kg
Secondary poisoning		16667 mg/kg
Micro-organisms in sewage treatment plants (STP)		1000 mg/l
Soil		271000000 mg/kg

**8.2. Exposure controls**



**Appropriate engineering controls**

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be

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worn.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Eye glasses with side protection (EN 166)

**Hand protection**

Recommended glove articles :

FKM (fluoro rubber) penetration time (maximum wearing period): 480 min.

NBR (Nitrile rubber) penetration time (maximum wearing period): 480 min.

Thickness of the glove material : > 0,12 mm

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

**Skin protection**

Wear anti-static footwear and clothing

**Respiratory protection**

Work in well-ventilated zones or use proper respiratory protection.

gas filtering equipment (EN 141)., Filter material/medium: A/X

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state:	Aerosol
Colour:	whitish transparent
Odour:	characteristic
Odour threshold:	not determined

**Test method**

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	- 44,5 °C
Flammability:	not applicable
Lower explosion limits:	0,7 vol. %

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Upper explosion limits:	10,9 vol. %	
Flash point:	- 97 °C	DIN 53213
Auto-ignition temperature:	> 200 °C	
Decomposition temperature:	not determined	
pH-Value:	not determined	
Viscosity / kinematic:	not determined	
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.	
Solubility in other solvents	not determined	
Partition coefficient n-octanol/water:	not determined	
Vapour pressure: (at 20 °C)	3500 hPa	
Vapour pressure: (at 50 °C)	13 hPa	
Density (at 20 °C):	0,7 g/cm <sup>3</sup>	DIN 51757
Relative vapour density:	not determined	
Particle characteristics:	not applicable	

**9.2. Other information**

**Information with regard to physical hazard classes**

Explosive properties	not determined	
Sustained combustibility:	No data available	
Self-ignition temperature		
Solid:	not applicable	
Gas:	not applicable	
Oxidizing properties	not determined	

**Other safety characteristics**

Evaporation rate:	not determined	
Solvent content:	77,5 %	

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Solid content: 22,5 %  
Viscosity / dynamic: not determined

**Further Information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No further relevant information available.

**10.2. Chemical stability**

No hazardous reaction when handled and stored according to provisions.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

No further relevant information available.

**10.5. Incompatible materials**

No further relevant information available.

**10.6. Hazardous decomposition products**

Carbon monoxide

**SECTION 11: Toxicological information****11.1. Information on hazard classes****Acute toxicity**

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

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
	inhalation dust/mist	LC50 > 5000 mg/l	Rat		
-	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
109-66-0	pentane				
	oral	LD50 >5000 mg/kg	Rat		
	inhalation (4 h) vapour	LC50 > 25,3 mg/l	Rat		
61789-86-4	calcium sulfonate				
	oral	LD50 16000 mg/kg	Rat		
	dermal	LD50 4000 - 5000 mg/kg	Rabbit		

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**Irritation and corrosivity**

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

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

Repeated exposure may cause skin dryness or cracking.

**Sensitising effects**

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

Contains calcium sulfonate. May produce an allergic reaction.

**Carcinogenic/mutagenic/toxic effects 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**

May cause drowsiness or dizziness. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)

**STOT-repeated exposure**

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

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**11.2. Information on other hazards****Endocrine disrupting properties**

Endocrine disrupting properties: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics.

Endocrine disrupting potential No information available.

**Further information**

There are no data available on the preparation/mixture itself.

**SECTION 12: Ecological information****12.1. Toxicity**

Harmful to aquatic life with long lasting effects.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
-	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
109-66-0	pentane					
	Acute fish toxicity	LC50 4,26 mg/l	96 h	fish		
	Acute crustacea toxicity	EC50 9,7 mg/l	48 h	Daphnia magna	IUCLID	

**12.2. Persistence and degradability**

No further relevant information available.

**12.3. Bioaccumulative potential**

No further relevant information available.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
106-97-8	butane	2,89
74-98-6	propane	2,36

**12.4. Mobility in soil**

No further relevant information available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No further relevant information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations**

Dispose of waste according to applicable legislation. Do not mix with other wastes.

List of proposed waste codes/waste designations in accordance with EWC:

**List of Wastes Code - residues/unused products**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**List of Wastes Code - contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

**Contaminated packaging**

Dispose of waste according to applicable legislation.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
 Hazard label: 2.1



Classification code: 5F  
 Special Provisions: 190 327 344 625

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Limited quantity: 1 L  
 Transport category: 2  
 Tunnel restriction code: D

**Other applicable information (land transport)**  
 E0

**Inland waterways transport (ADN)**

**14.1. UN number or ID number:** UN 1950

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
 Hazard label: 2.1



Marine pollutant: no  
 Special Provisions: 63, 190, 277, 327, 344, 959  
 Limited quantity: 1000 mL  
 Excepted quantity: E0  
 EmS: F-D, S-U

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, flammable  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
 Hazard label: 2.1



Special Provisions: A145 A167 A802

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Limited quantity Passenger:	30 kg G	
IATA-packing instructions - Passenger:		203
IATA-max. quantity - Passenger:		75 kg
IATA-packing instructions - Cargo:		203
IATA-max. quantity - Cargo:		150 kg

**Other applicable information (air transport)**

E0  
Passenger-LQ: Y203

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Warning: Gases under pressure

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**Other applicable information**

Stowage Code:  
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.

**SECTION 15: Regulatory information**

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):  
Entry 3, Entry 28, Entry 40, Entry 75

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Directive 2004/42/EC on VOC in paints and varnishes:	77,46 %
Information according to Directive 2012/18/EU (SEVESO III):	542,2 g/l
	P3a FLAMMABLE AEROSOLS

**Additional information**

Observe in addition any national regulations!

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

**National regulatory information**

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
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Water hazard class (D):	2 - obviously hazardous to water
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**Additional information**

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information**

**Changes**

This data sheet contains changes from the previous version in section(s): 2,5,6,7,8,9,11,15.

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**Abbreviations and acronyms**

- Flam. Gas 1: Flammable gases, hazard category 1
- Flam. Gas 1A: Flammable gases, hazard category 1A
- Aerosol 1: Aerosols, hazard category 1
- Press. Gas (Comp.): Gases under pressure: Compressed gas
- Flam. Liq. 2: Flammable liquids, hazard category 2
- Flam. Liq. 3: Flammable liquids, hazard category 3
- Asp. Tox. 1: Aspiration hazard, hazard category 1
- Skin Sens. 1B: Skin sensitisation, hazard category 1B
- STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3
- Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2
- Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard category: Chronic 3
- 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 Harmonized 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
- LC50: Lethal concentration, 50%
- LD50: Lethal dose, 50%

**Classification for mixtures and used evaluation method**

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
STOT SE 3; H336	Bridging principle "Aerosols"
Asp. Tox. 1; H304	Calculation method
Aquatic Chronic 3; H412	Calculation method

**Relevant H and EUH statements (number and full text)**

- H220                   Extremely flammable gas.
- H222                   Extremely flammable aerosol.
- H225                   Highly flammable liquid and vapour.

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H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains calcium sulfonate. May produce an allergic reaction.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*