

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 1 of 15

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

**1.1. Product identifier**

DINITROL 482 Spray

UFI: EPSW-A7DV-W605-0NY6

**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**

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

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

Aerosol 1; H222-H229  
 Eye Irrit. 2; H319  
 STOT SE 3; H336  
 Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**

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

**Hazard components for labelling**

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics  
 butanone; ethyl methyl ketone  
 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics  
 Hydrocarbons, C9, aromatics

**Signal word:** Danger

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 2 of 15

**Pictograms:**



**Hazard statements**

- H222 Extremely flammable aerosol.
- H229 Pressurised container: May burst if heated.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

- 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.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection/face protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**Special labelling**

Restricted to professional users.

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

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H222-H229

**Precautionary statements**

P210-P211-P251-P410+P412

**2.3. Other hazards**

Endocrine disrupting properties: butanone; ethyl methyl ketone.  
No information available.

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

**3.2. Mixtures**

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 3 of 15

**Relevant ingredients**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			20 - < 25 %
	920-750-0		01-2119473851-33	
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411			
78-93-3	butanone; ethyl methyl ketone			20 - < 25 %
	201-159-0	606-002-00-3	01-2119457290-43	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
74-98-6	propane			20 - < 25 %
	200-827-9		01-2119486944-21	
	Flam. Gas 1A, Press. Gas (Comp.); H220 H280			
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics			1 - < 5 %
	927-241-2		01-2119471843-32	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412			
128601-23-0	Hydrocarbons, C9, aromatics			1 - < 5 %
	918-668-5		01-2119455851-35	
	Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411 EUH066			
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane			1 - < 5 %
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			

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

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

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
	920-750-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	20 - < 25 %
		inhalation: LC50 = >20 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg	
78-93-3	201-159-0	butanone; ethyl methyl ketone	20 - < 25 %
		inhalation: LC50 = 12 mg/l (vapours); dermal: LD50 = 5000 mg/kg; oral: LD50 = 3300 mg/kg	
	927-241-2	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics	1 - < 5 %
		inhalation: LC50 = 4951 mg/l (vapours); dermal: LD50 = > 5000 mg/kg; oral: LD50 = 4951 mg/kg	
128601-23-0	918-668-5	Hydrocarbons, C9, aromatics	1 - < 5 %
		dermal: LD50 = > 3160 mg/kg; oral: LD50 = > 2000 mg/kg	
	921-024-6	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	1 - < 5 %
		inhalation: LC50 = > 25,2 mg/l (vapours); dermal: LD50 = >3920 mg/kg; oral: LD50 = > 5000 mg/kg	

**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**

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 4 of 15

**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.

**After contact with skin**

Change contaminated clothing.  
 Wash with plenty of water/Soap.  
 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. Seek medical advice immediately.

**After ingestion**

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

**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 information available.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Extinguishing powder. Water fog.

**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 appropriate respiratory protection.

**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**

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

**General advice**

Provide adequate ventilation.  
 Wear personal protection equipment.  
 Avoid contact with skin, eyes and clothes.  
 Avoid breathing dust/fume/gas/mist/vapours/spray.

**For emergency responders**

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

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment.

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 5 of 15

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**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**

- If handled uncovered, arrangements with local exhaust ventilation have to be used.
- If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

**Advice on protection against fire and explosion**

- Do not spray on naked flames or any incandescent material. Keep away from sources of ignition - No smoking.
- 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.

**Further information on handling**

No further relevant information available.

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

**Requirements for storage rooms and vessels**

- Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**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**

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 6 of 15

**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
78-93-3	Butan-2-one (methyl ethyl ketone)	200	600		TWA (8 h)	WEL
		300	899		STEL (15 min)	WEL
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL

**Biological Monitoring Guidance Values (EH40)**

CAS No	Substance	Parameter	Value	Test material	Sampling time
78-93-3	Butan-2-one	butan-2-one	70 µmol/L	urine	Post shift

**DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics				
Worker DNEL, long-term		dermal	systemic	773 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	2035 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	699 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	608 mg/m <sup>3</sup>
128601-23-0 Hydrocarbons, C9, aromatics				
Worker DNEL, long-term		inhalation	systemic	150 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	25 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	32 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	11 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	11 mg/kg bw/day
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane				
Worker DNEL, long-term		dermal	systemic	773 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	699 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	2035 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	systemic	608 mg/m <sup>3</sup>

**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 worn.

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

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 7 of 15

**Eye/face protection**

Eye glasses with side protection (DIN EN 166)

**Hand protection**

Tested protective gloves must be worn (EN ISO 374):

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

short-term Filter material/medium : A1/P1

long-term Filter material/medium : A1/P2

**SECTION 9: Physical and chemical properties**

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

Physical state:	Aerosol
Colour:	black
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 determined
Lower explosion limits:	0,9 vol. %
Upper explosion limits:	11,5 vol. %
Flash point:	< - 97 °C DIN 53213
Auto-ignition temperature:	> 200 °C
Decomposition temperature:	not determined
pH-Value:	The study does not need to be conducted because the substance is known to be insoluble in water. not determined
Viscosity / kinematic:	not determined
Water solubility:	not applicable
Solubility in other solvents	not determined
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	3500 hPa
(at 20 °C)	
Vapour pressure:	370 hPa
(at 50 °C)	
Density (at 20 °C):	0,8 g/cm³ DIN 51757
Relative vapour density:	not determined
Particle characteristics:	not applicable

**9.2. Other information**

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 8 of 15

**Information with regard to physical hazard classes**

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

**Other safety characteristics**

Solvent content:	63,82 %
Solid content:	36,2 %
Softening point:	not determined
Viscosity / dynamic:	not determined

**Further Information**

No information available.

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**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 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) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation gas) > 20000 ppm

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 9 of 15

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 >20 mg/l	Rat		
78-93-3	butanone; ethyl methyl ketone				
	oral	LD50 3300 mg/kg	Rat		
	dermal	LD50 5000 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 12 mg/l	Rat		
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics				
	oral	LD50 4951 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rat		
	inhalation (4 h) vapour	LC50 4951 mg/l	Rat		
128601-23-0	Hydrocarbons, C9, aromatics				
	oral	LD50 > 2000 mg/kg	Rat		
	dermal	LD50 > 3160 mg/kg	Rabbit		
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 >3920 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 > 25,2 mg/l	Rat		

**Irritation and corrosivity**

Serious eye damage/eye irritation: Causes serious eye irritation.

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

**Sensitising effects**

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

**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, C7-C9, n-alkanes, isoalkanes, cyclics; butanone; ethyl methyl ketone)

**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.

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 10 of 15

**Information on likely routes of exposure**

No information available.

**Specific effects in experiment on an animal**

No information available.

**Additional information on tests**

No information available.

**Practical experience**

No information available.

**11.2. Information on other hazards**

**Endocrine disrupting properties**

Endocrine disrupting properties: butanone; ethyl methyl ketone.

**Further information**

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

**SECTION 12: Ecological information**

**12.1. Toxicity**

Toxic to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics					
	Acute fish toxicity	LC50 mg/l	1-10	96 h	fish	
	Acute crustacea toxicity	EC50 mg/l	1-10	48 h	Daphnia magna (Big water flea)	
78-93-3	butanone; ethyl methyl ketone					
	Acute fish toxicity	LC50 mg/l	3220	96 h	fish	
	Acute crustacea toxicity	EC50 mg/l	5000	48 h		
128601-23-0	Hydrocarbons, C9, aromatics					
	Acute fish toxicity	LC50 mg/l	1 - 10	96 h		

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
74-98-6	propane	2,36

**12.4. Mobility in soil**

There are no data available on the mixture itself.

**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**

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 11 of 15

No information available.

**Further information**

There are no data available on the mixture itself.

**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 Wastes Code - residues/unused products**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - contaminated packaging**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

**Contaminated packaging**

Dispose according to 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  
 Limited quantity: 1 L  
 Excepted quantity: E0  
 Transport category: 2  
 Tunnel restriction code: D

**Inland waterways transport (ADN)**

**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  
 Limited quantity: 1 L

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 12 of 15

Excepted quantity: E0

**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



Special Provisions: 63, 190, 277, 327, 344, 381, 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  
 Limited quantity Passenger: 30 kg G  
 Passenger LQ: Y203  
 Excepted quantity: E0  
 IATA-packing instructions - Passenger: 203  
 IATA-max. quantity - Passenger: 75 kg  
 IATA-packing instructions - Cargo: 203  
 IATA-max. quantity - Cargo: 150 kg

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No  
 Marine pollutant: no

**14.6. Special precautions for user**

Warning : gas

**Other applicable information**

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: 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.

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 13 of 15

Category C, Clear of living quarters.

**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 28, Entry 40, Entry 75

Directive 2004/42/EC on VOC in paints and varnishes:	63,82 %
Information according to Directive 2012/18/EU (SEVESO III):	510,5 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

602306

**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.

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 14 of 15

**Abbreviations and acronyms**

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 Irrit. 2: Skin irritation, hazard category 2  
 Eye Irrit. 2: Eye irritation, hazard category 2  
 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
Eye Irrit. 2; H319	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"
Aquatic Chronic 2; H411	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.  
 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.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.  
 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.

**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 contains only safety-related information and does not replace product information or product specifications.

**DINITROL 482 Spray**

Revision: 30.04.2026

Product code: 21707

Page 15 of 15

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

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