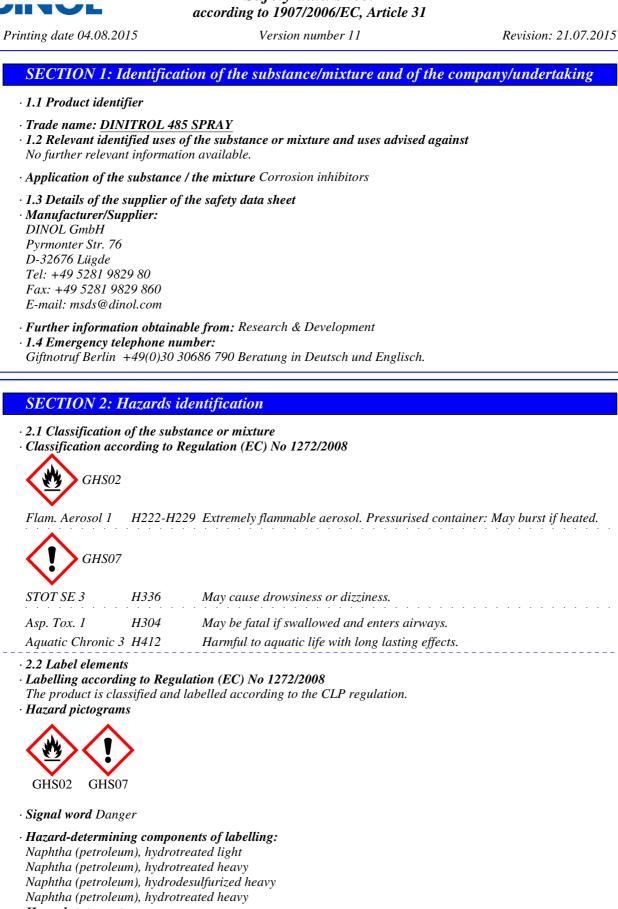


Safety data sheet



· Hazard statements

- H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
- H336 May cause drowsiness or dizziness.
- H412 Harmful to aquatic life with long lasting effects.
- · Precautionary statements
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

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D251			
P251		tainer: Do not pierce or burn, even after use.	
P304+P34	40 IF INHALED:	Remove victim to fresh air and keep at rest in a position comfe	ortable fe
	breathing.		
		ventilated place. Keep container tightly closed.	
P405	Store locked up		
		nlight. Do not expose to temperatures exceeding 50 °C/122 °F.	
P501	Dispose of con regulations.	ntents/container in accordance with local/regional/national/int	ernation
	l information:		
		may cause skin dryness or cracking.	
		May produce an allergic reaction.	
	ed container: prot burn, even after us	tect from sunlight and do not expose to temperatures exceeding 50 e.	°C. Do n
		lame or any incandescent material. Keep away from sources of ig	nition - N
smoking.	. 0		
2.3 Other	hazards		
The petrol	eum naphtha / pet	roleum distillate / lubricating oil meet the requirements for not being c	lassified
		ne alt<3% (w/w) DMSO extract (IP 346)).	5
	PBT and vPvB as		
		sessment	
DDT. Mot			
	applicable.		
vPvB: Not	applicable.	·	
vPvB: Not	applicable.	ion/information on ingredients	
v PvB: Not SECTIO	applicable. DN 3: Composit		
vPvB: Not SECTIO 3.2 Chemi	applicable. N 3: Composit	on: Mixtures	
v PvB: Not SECTIO 3.2 Chemi Descriptio	applicable. N 3: Composit cal characterisation : Mixture of subs		
v PvB: Not SECTIO 3.2 Chemi Descriptio	applicable. N 3: Composit	on: Mixtures	
v PvB: Not SECTIO 3.2 Chemi Descriptio Dangerous	applicable. N 3: Composit ical characterisation : Mixture of subs s components:	on: Mixtures	10-<259
vPvB: Not SECTIO 3.2 Chemi Descriptio Dangerous CAS: 6474	applicable. N 3: Composit ical characterisation : Mixture of subs s components:	on: Mixtures etances listed below with additions. Naphtha (petroleum), hydrotreated light	10-<259
vPvB: Not SECTIO 3.2 Chemi Descriptio Dangerou CAS: 6474 EC numbe	applicable. N 3: Composit ical characterisation n: Mixture of subs s components: 12-49-0 r: 927-241-2	on: Mixtures stances listed below with additions. Naphtha (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304; O STOT SE 3, H336;	10-<259
vPvB: Not SECTIO 3.2 Chemi Descriptio Dangerous CAS: 6474 EC numbe Reg.nr.: 0	applicable. PN 3: Composit ical characterisati n: Mixture of subs s components: 12-49-0 r: 927-241-2 1-2119471843-32	on: Mixtures stances listed below with additions. Naphtha (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412	
vPvB: Not SECTIO 3.2 Chemi Descriptio Dangerous CAS: 6474 EC numbe Reg.nr.: 0 CAS: 6474	applicable. PN 3: Composit ical characterisation i: Mixture of subs s components: 12-49-0 r: 927-241-2 1-2119471843-32 12-48-9	on: Mixtures stances listed below with additions. Naphtha (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412 Naphtha (petroleum), hydrotreated heavy	
vPvB: Not SECTIO 3.2 Chemi Descriptio Dangerou CAS: 6474 EC numbe Reg.nr.: 0 CAS: 6474 EC numbe	applicable. N 3: Composit ical characterisation i: Mixture of subs s components: 42-49-0 r: 927-241-2 1-2119471843-32 42-48-9 r: 919-857-5	on: Mixtures stances listed below with additions. Naphtha (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412	
vPvB: Not SECTIO 3.2 Chemi Descriptio Dangeroux CAS: 6474 EC numbe Reg.nr.: 0 CAS: 6474 EC numbe Reg.nr.: 0	applicable. N 3: Composit ical characterisation n: Mixture of subsection s components: 12-49-0 r: 927-241-2 1-2119471843-32 12-48-9 r: 919-857-5 1-2119463258-33	 Mixtures Atances listed below with additions. Naphtha (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412 Naphtha (petroleum), hydrotreated heavy Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336 	10-<259
vPvB: Not SECTIO 3.2 Chemi Description Dangerous CAS: 6474 EC numbe Reg.nr.: 0. CAS: 6474 EC numbe Reg.nr.: 0. CAS: 74-9	applicable. N 3: Composit ical characterisation i: Mixture of subsists i: Scomponents: 12-49-0 r: 927-241-2 1-2119471843-32 12-48-9 r: 919-857-5 1-2119463258-33 8-6	on: Mixtures stances listed below with additions. Naphtha (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412 Naphtha (petroleum), hydrotreated heavy Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336 Propane liquefied	10-<259
vPvB: Not SECTIO 3.2 Chemi Description Dangerous CAS: 6474 EC numbe Reg.nr.: 01 CAS: 6474 EC numbe Reg.nr.: 01 CAS: 74-9	applicable. N 3: Composit ical characterisation i: Mixture of subsists i: Scomponents: 12-49-0 r: 927-241-2 1-2119471843-32 12-48-9 r: 919-857-5 1-2119463258-33 8-6	 Mixtures Atances listed below with additions. Naphtha (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412 Naphtha (petroleum), hydrotreated heavy Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336 	10-<259
vPvB: Not SECTIO 3.2 Chemi Descriptio Dangerous CAS: 6474 EC numbe Reg.nr.: 0 CAS: 6474 EC numbe Reg.nr.: 0 CAS: 74-9 EINECS: 2	applicable. N 3: Composit ical characterisati n: Mixture of subs s components: 12-49-0 r: 927-241-2 1-2119471843-32 12-48-9 r: 919-857-5 1-2119463258-33 18-6 200-827-9	on: Mixtures stances listed below with additions. Naphtha (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412 Naphtha (petroleum), hydrotreated heavy Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336 Propane liquefied	10-<25%
vPvB: Not SECTIO 3.2 Chemi Description Dangerous CAS: 6474 EC numbe Reg.nr.: 0 CAS: 6474 EC numbe	applicable. N 3: Composit ical characterisation i: Mixture of subs s components: 12-49-0 r: 927-241-2 1-2119471843-32 12-48-9 r: 919-857-5 1-2119463258-33 8-6 200-827-9 97-8	 <i>Mixtures</i> <i>Maphtha (petroleum), hydrotreated light</i> <i>Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412</i> <i>Naphtha (petroleum), hydrotreated heavy</i> <i>Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336</i> <i>Propane liquefied</i> <i>Flam. Gas 1, H220; Press. Gas C, H280</i> <i>Butane, pure</i> 	10-<25%
vPvB: Not SECTIO 3.2 Chemi Description Dangeroux CAS: 6474 EC numbe Reg.nr.: 0.1 CAS: 6474 EC numbe Reg.nr.: 0.1 CAS: 74-9 EINECS: 2 CAS: 106- EINECS: 2	applicable. N 3: Composit ical characterisation i: Mixture of subs s components: 12-49-0 r: 927-241-2 1-2119471843-32 12-2119471843-32 12-48-9 r: 919-857-5 1-2119463258-33 8-6 200-827-9 97-8 203-448-7	 <i>Mixtures</i> <i>Maphtha (petroleum), hydrotreated light</i> <i>Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412</i> <i>Naphtha (petroleum), hydrotreated heavy</i> <i>Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336</i> <i>Propane liquefied</i> <i>Flam. Gas 1, H220; Press. Gas C, H280</i> <i>Butane, pure</i> <i>Flam. Gas 1, H220; Press. Gas C, H280</i> 	10-<259 10-<259 10-<259
vPvB: Not SECTIO 3.2 Chemi Description Dangerous CAS: 6474 EC numbe Reg.nr.: 0.1 CAS: 6474 EC numbe Reg.nr.: 0.1 CAS: 74-9 EINECS: 2 CAS: 106- EINECS: 2 CAS: 6474	applicable. N 3: Composit ical characterisation: i: Mixture of subsists i: Scomponents: i: 927-241-2 1-2119471843-32 i: 919-857-5 1-2119463258-33 8-6 200-827-9 97-8 203-448-7 i: 82-1	on: Mixtures stances listed below with additions. Naphtha (petroleum), hydrotreated light ♦ Flam. Liq. 3, H226; ♦ Asp. Tox. 1, H304; ↑ STOT SE 3, H336; Aquatic Chronic 3, H412 Naphtha (petroleum), hydrotreated heavy ♦ Flam. Liq. 3, H226; ♦ Asp. Tox. 1, H304; ↑ STOT SE 3, H336 Propane liquefied ♦ Flam. Gas 1, H220; Press. Gas C, H280 Butane, pure ♦ Flam. Gas 1, H220; Press. Gas C, H280 Naphtha (petroleum), hydrodesulfurized heavy	10-<259 10-<259 10-<259
vPvB: Not SECTIO 3.2 Chemi Descriptio Dangerous CAS: 6474 EC numbe Reg.nr.: 0 CAS: 6474 EC numbe Reg.nr.: 0 CAS: 74-9 EINECS: 2 CAS: 106- EINECS: 2 CAS: 6474 EINECS: 2	applicable. PN 3: Composit ical characterisatiu n: Mixture of subs s components: 12-49-0 r: 927-241-2 1-2119471843-32 12-48-9 r: 919-857-5 1-2119463258-33 18-6 200-827-9 97-8 203-448-7 12-82-1 265-185-4	on: Mixtures stances listed below with additions. Naphtha (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 3, H412 Naphtha (petroleum), hydrotreated heavy Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336 Propane liquefied Flam. Gas 1, H220; Press. Gas C, H280 Butane, pure Flam. Gas 1, H220; Press. Gas C, H280 Naphtha (petroleum), hydrodesulfurized heavy Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336 	10-<259 10-<259 10-<259
<i>SECTIO</i> <i>3.2 Chemi</i> <i>Descriptio</i> <i>Dangerou</i> <i>CAS: 6474</i> <i>EC numbe</i> <i>Reg.nr.: 0.1</i> <i>CAS: 6474</i> <i>EC numbe</i> <i>Reg.nr.: 0.1</i> <i>CAS: 74-9</i> <i>EINECS: 2</i> <i>CAS: 106-</i> <i>EINECS: 2</i> <i>CAS: 6474</i>	applicable. PN 3: Composit ical characterisatiu n: Mixture of subs s components: 12-49-0 r: 927-241-2 1-2119471843-32 12-48-9 r: 919-857-5 1-2119463258-33 18-6 200-827-9 97-8 203-448-7 12-82-1 265-185-4	on: Mixtures stances listed below with additions. Naphtha (petroleum), hydrotreated light ♦ Flam. Liq. 3, H226; ♦ Asp. Tox. 1, H304; ↑ STOT SE 3, H336; Aquatic Chronic 3, H412 Naphtha (petroleum), hydrotreated heavy ♦ Flam. Liq. 3, H226; ♦ Asp. Tox. 1, H304; ↑ STOT SE 3, H336 Propane liquefied ♦ Flam. Gas 1, H220; Press. Gas C, H280 Butane, pure ♦ Flam. Gas 1, H220; Press. Gas C, H280 Naphtha (petroleum), hydrodesulfurized heavy ♦ Flam. Liq. 3, H226; ♦ Asp. Tox. 1, H304; ♦ Aquatic Chronic 2,	10-<25% 10-<25% 10-<25% 5-<10% 5-<10%

🚸 Flam. Liq. 3, H226; 🚸 Asp. Tox. 1, H304; 🚸 STOT SE 3, H336

• Additional information: For the wording of the listed risk phrases refer to section 16.

Calcium Sulfonate

SECTION 4: First aid measures

• 4.1 Description of first aid measures

• After inhalation:

EINECS: 265-150-3

CAS: 61789-86-4

Supply fresh air or oxygen; call for doctor.

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

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1-<5%

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· After skin contact:

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

- · After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: Do not induce vomiting; call for medical help immediately.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- \cdot 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- · 5.3 Advice for firefighters
- · Protective equipment: Mount respiratory protective device.
- · Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Avoid contact with skin, eyes and clothes.
- 6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation.
- Absorb liquid components with liquid-binding material.
- 6.4 Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Use only in well ventilated areas.
 Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- *Requirements to be met by storerooms and receptacles:* Store in a cool location. Observe official regulations on storing packagings with pressurised containers.
- Information about storage in one common storage facility: Not required.

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• Further information about storage conditions:
Keep container tightly sealed.
Do not seal receptacle gas tight.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

	Butane, pure	
	t-term value: 1810 mg/m³, 750 ppm	
	g-term value: 1450 mg/m ³ , 600 ppm	
Care	c (if more than 0.1% of buta-1.3-diene)	
DNELs		
64742-49-	0 Naphtha (petroleum), hydrotreated light	
Oral	Long-term - systemic effects, general population	120 mg/kg bw/day (General Population)
Dermal	Long-term - systemic effects, general population	125 mg/kg bw/day (General population)
	Long-term - systemic effects, worker	208 mg/kg bw/day (Worker)
Inhalative	Long-term - systemic effects, general population	185 mg/m3 (General Population)
	Long-term - systemic effects, worker	871 mg/m3 (Worker)
64742-48-	9 Naphtha (petroleum), hydrotreated heavy	
Oral	Long-term - systemic effects, general population	125 mg/kg bw/day (General Population)
Dermal	Long-term - systemic effects, general population	125 mg/kg bw/day (General population)
	Long-term - systemic effects, worker	208 mg/kg bw/day (Worker)
Inhalative	Long-term - systemic effects, general population	185 mg/m3 (General Population)
	Long-term - systemic effects, worker	871 mg/m3 (Worker)

• Personal protective equipment:

• General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols.

· Respiratory protection:

Short term filter device:



• Protection of hands:



Protective gloves

· Material of gloves

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The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber

Recommended thickness of the material: $\geq 0,12 \text{ mm}$

· Penetration time of glove material

> 480 min.

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical an General Information	id chemical properties
Appearance:	
Form:	Aerosol
Colour:	Transparent
Odour:	Solvent-like
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	-44 °C
Flash point:	< -20 °C (DIN 53213)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	> 200 °C
Decomposition temperature:	Not determined.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapou mixtures are possible.
Explosion limits:	
Lower:	0.6 Vol %
Upper:	10.9 Vol %
Vapour pressure At 20 °C:	8300 hPa
Density At 20 °C:	0.728 g/cm ³ (DIN 51757)
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wate	r): Not determined.
Viscosity:	
	Not determined.
Dynamic:	



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Kinematic:	Not determined.	
· Solvent content: Organic solvents:	79.4 %	
Solids content:	21.0 % (DIN 53216)	
• 9.2 Other information	No further relevant information available.	
· VOC (EU):	79.35 %	
• VOC (EU):	577.7 g/l	
· VOCV:	79.35 %	

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: Carbon monoxide

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity

Γ	· LD/LC50 values relevant for classification:			
	64742-49-0 Naphtha (petroleum), hydrotreated light			
	Oral	LD50	>5000 mg/kg (RAT)	
	Dermal	LD50	>5000 mg/kg (RABBIT)	
Inhalative LC50/4 h 4951 mg/l (RAT)				
	64742-48-9 Naphtha (petroleum), hydrotreated heavy			
	Oral	LD50	>5000 mg/kg (RAT)	
	Dermal	LD50	>5000 mg/kg (RABBIT)	
	Inhalative	LC50/4 h	> 4951 mg/l (RAT)	
	106-97-8 Butane, pure			
	Inhalative LC50/4 h 658 mg/l (rat)		658 mg/l (rat)	
	64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy			
	Oral	LD50	>6500 mg/kg (RAT)	
	Dermal	LD50	>3000 mg/kg (RABBIT)	
	64742-48-	9 Naphtha	(petroleum), hydrotreated heavy	
	Oral	LD50	>5000 mg/kg (RAT)	
	Dermal	LD50	>3000 mg/kg (RAT)	
_	D	Drive any invitant official		

· Primary irritant effect:

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

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

 $\cdot \textit{Respiratory or skin sensitisation} Based on available data, the classification criteria are not met.$

• Additional toxicological information: No further relevant information available.

· Ingestion: Risk of chemical pneumonia if the product reaches the lungs at vomiting or similar.

· CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

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

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

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

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- · STOT-single exposure
- May cause drowsiness or dizziness.

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

• Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · Ecotoxical effects:
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

- Harmful to aquatic organisms
- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Dispose of as dangerous waste.

· European waste catalogue

16 00 00 WASTES NOT OTHERWISE SPECIFIED IN THE LIST

16 05 00 gases in pressure containers and discarded chemicals

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

· Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

14.1 UN-Number		
ADR, IMDG, IATA	UN1950	
14.2 UN proper shipping name		
ADR	1950 AEROSOLS	
IMDG	AEROSOLS	
IATA	AEROSOLS, flammable	

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· 14.3 Transport hazard class(es)	
·ADR	
· Class · Label	2 5F Gases. 2.1
· IMDG, IATA	
· Class	2.1
· Label	2.1
 14.4 Packing group ADR, IMDG, IATA 	Void
 14.5 Environmental hazards: Marine pollutant: 	No
· 14.6 Special precautions for user	Warning: Gases.
· Danger code (Kemler): · EMS Number:	- F-D,S-U
• 14.7 Transport in bulk according to Anne Marpol and the IBC Code	,
· Transport/Additional information:	
· ADR · Limited quantities (LQ) · Excepted quantities (EQ)	1L Code: E0 Not a compitted as Eucorated Outputity
• Transport category • Tunnel restriction code	Not permitted as Excepted Quantity 2 D
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity
· UN ''Model Regulation'':	UN1950, AEROSOLS, 2.1

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture · Labelling according to Regulation (EC) No 1272/2008

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

· Hazard pictograms

*



· Signal word Danger

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Hazard-d	etermining components of labelling:
Naphtha	(petroleum), hydrotreated light
Naphtha	(petroleum), hydrotreated heavy
Naphtha	(petroleum), hydrodesulfurized heavy
Naphtha	(petroleum), hydrotreated heavy
Hazard st	tatements
Н222-Н2	29 Extremely flammable aerosol. Pressurised container: May burst if heated.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
Precautio	onary statements
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
P251	Pressurized container: Do not pierce or burn, even after use.
P304+P3	240 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable f breathing.
P403+P2	33 Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+P4	12 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container in accordance with local/regional/national/internation regulations.
	2012/18/EU
Named d	angerous substances - ANNEX I None of the ingredients is listed.
National	regulations:
Technica	l instructions (air):
Class S	Share in %
NK	79.4
1111	/9.4
Waterhaz	ard class. Water hazard class 2 (Self-assessment). hazardous for water
	ard class: Water hazard class 2 (Self-assessment): hazardous for water. nical safety assessment: A Chemical Safety Assessment has not been carried out.

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

· Relevant phrases

H220 Extremely flammable gas.
H226 Flammable liquid and vapour.
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.

· Department issuing MSDS: Research & Development

· Contact: Kontakt: msds@dinol.com oder Tel.: 0049 (0)5281 982 980

Abbreviations and acronyms:
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 ICAO: International Civil Aviation Organisation
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 DNEL: Derived No-Effect Level (REACH)
 LC50: Lethal concentration, 50 percent

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Trade name: DINITROL 485 SPRAY

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LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Gas 1: Flammable gases, Hazard Category 1 Flam. Aerosol 1: Flammable aerosols, Hazard Category 1 Press. Gas C: Gases under pressure: Compressed gas Flam. Liq. 3: Flammable liquids, Hazard Category 3 Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 Asp. Tox. 1: Aspiration hazard, Hazard Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 3 • * Data compared to the previous version altered.