

Safety Data Sheet

according to Regulation (EC) No 1907/2006

725(E) Nickel Anti-Seize Compound (Bulk)

Revision: 16.07.2025

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

1.1. Product identifier

725(E) Nickel Anti-Seize Compound (Bulk)

UFI: 08HR-HTGP-SNFF-2KTR

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

Use of the substance/mixture

Petroleum base. Use on stainless steel, steel, iron, aluminum, copper, brass, titanium, etc. Do not use on oxygen systems.

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name:	Chesterton International GmbH	
Street:	Am Lenzenfleck 23	
Place:	D-85737 Ismaning GERMANY	
Telephone:	+49 89 99 65 46 - 0	Telefax: +49 89 99 65 46 - 50
E-mail:	eu-sds@chesterton.com	
Contact person:	eu-sds@chesterton.com	Telephone: +49 89 99 65 46 - 0
E-mail:	eu-sds@chesterton.com	
Internet:	www.chesterton.com	
Responsible Department:	eu-sds@chesterton.com	

1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Carc. 2; H351
Skin Irrit. 2; H315
Skin Sens. 1; H317
STOT RE 1; H372
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

nickel powder

Signal word: Danger

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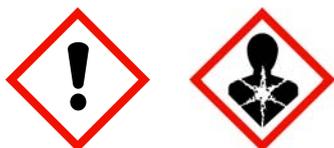
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Pictograms:



Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P362+P364	Take off contaminated clothing and wash it before reuse.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

2.3. Other hazards

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

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

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

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)	
64742-52-5	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy naphthenic	40 - < 45 %
	265-155-0	649-465-00-7
	01-2119467170-45	
	Asp. Tox. 1; H304	
7440-02-0	nickel powder	25 - < 30 %
	231-111-4	028-002-01-4
	01-2119438727-29	
	Carc. 2, Skin Sens. 1, STOT RE 1, Aquatic Chronic 3; H351 H317 H372 H412	
9003-29-6	polybutene (isobutylene/butene copolymer)	10 - < 15 %
	500-004-7	
	Skin Irrit. 2, Asp. Tox. 1; H315 H304	
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	1 - < 5 %
	919-857-5	01-2119463258-33
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066	
67-56-1	methanol	< 1 %
	200-659-6	603-001-00-X
	01-2119392409-28	
	Flam. Liq. 2, Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT SE 1; H225 H331 H311 H301 H370	

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	
64742-52-5	265-155-0	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy naphthenic	40 - < 45 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
7440-02-0	231-111-4	nickel powder	25 - < 30 %
		oral: LD50 = > 9000 mg/kg	
9003-29-6	500-004-7	polybutene (isobutylene/butene copolymer)	10 - < 15 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 10000 mg/kg	
	919-857-5	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	1 - < 5 %
		inhalation: LC50 = > 4,96 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	
67-56-1	200-659-6	methanol	< 1 %
		inhalation: LC50 = 128,2 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: LD50 = > 1187 - 2769 mg/kg STOT SE 1; H370: >= 10 - 100 STOT SE 2; H371: >= 3 - < 10	

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

First aider: Pay attention to self-protection! Provide fresh air.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse. In case of skin irritation, consult a physician.

After contact with eyes

Protect uninjured eye. In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let 1 glass of water be drunken in little sips (dilution effect).

Do NOT induce vomiting.

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

Frequently or prolonged contact with skin may cause dermal irritation.

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

- alcohol resistant foam
- Water spray jet
- Carbon dioxide (CO₂)
- Dry extinguishing powder

Unsuitable extinguishing media

- Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:

- Carbon monoxide
- Carbon dioxide
- Nitrogen oxides (NO_x)

5.3. Advice for firefighters

Special protective equipment for firefighters: Protective clothing.

Co-ordinate fire-fighting measures to the fire surroundings.

In case of fire: Wear self-contained breathing apparatus.

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Additional information

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.
Safe handling: see section 7
Personal protection equipment: see section 8

For non-emergency personnel

No information available.

For emergency responders

No information available.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains. Adverse environmental effects

6.3. Methods and material for containment and cleaning up

For containment

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

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

Personal protection equipment: see section 8
Avoid contact with skin, eyes and clothes.
Avoid breathing dust/fume/gas/mist/vapours/spray.
When using do not eat, drink or smoke.

Never use pressure to empty container. Keep/Store only in original container.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

Wash hands before breaks and after work. Only wear fitting, comfortable and clean protective clothing. Used working clothes should not be worn outside the work area. Street clothing should be stored separately from work clothing.

Further information on handling

Observe instructions for use.

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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. Keep/Store only in original container.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Keep away from:

- Frost
- Heat
- Humidity

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
7429-90-5	Aluminium metal (Respirable Fraction)	-	1		TWA (8 h)	
7782-42-5	Graphite (all forms except fibres) (Respirable Fraction)	-	2		TWA (8 h)	
67-56-1	Methyl alcohol	200	260		TWA (8 h)	
7440-02-0	Nickel (respirable fraction)	-	0,01		TWA (8 h)	

Biological limit values

CAS No	Substance	Parameter	Value	Test material	Sampling time
7440-02-0	Nickel	Ni	3 µg/L	Urine	After several consecutive working shifts
67-56-1	Methanol	Methanol	15 mg/L	Urine	End of shift

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DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64742-52-5	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy naphthenic			
	Consumer DNEL, long-term	inhalation	local	1,19 mg/m ³
	Worker DNEL, long-term	inhalation	systemic	2,73 mg/m ³
	Worker DNEL, long-term	inhalation	local	5,58 mg/m ³
	Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day
7440-02-0	nickel powder			
	Worker DNEL, long-term	inhalation	systemic	0,05 mg/m ³
	Worker DNEL, long-term	inhalation	local	0,05 mg/m ³
	Worker DNEL, acute	inhalation	local	11,9 mg/m ³
	Worker DNEL, long-term	dermal	local	0,035 mg/cm ²
	Consumer DNEL, acute	inhalation	local	0,8 mg/m ³
	Consumer DNEL, long-term	dermal	local	0,035 mg/cm ²
	Consumer DNEL, long-term	oral	systemic	0,011 mg/kg bw/day
	Consumer DNEL, acute	oral	systemic	0,37 mg/kg bw/day
7429-90-5	aluminium powder (stabilised)			
	Worker DNEL, long-term	inhalation	systemic	3,72 mg/m ³
	Worker DNEL, long-term	inhalation	local	3,72 mg/m ³
	Consumer DNEL, long-term	oral	systemic	7,9 mg/kg bw/day
7782-42-5	Graphite (anode)			
	Worker DNEL, long-term	inhalation	systemic	1,2 mg/m ³
	Worker DNEL, long-term	inhalation	local	1,2 mg/m ³
	Consumer DNEL, long-term	inhalation	local	0,3 mg/m ³
	Consumer DNEL, long-term	oral	systemic	813 mg/kg bw/day
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics			
	Consumer DNEL, long-term	inhalation	systemic	185 mg/m ³
	Consumer DNEL, long-term	dermal	systemic	46 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	46 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	871 mg/m ³
	Worker DNEL, long-term	dermal	systemic	77 mg/kg bw/day
	Worker DNEL, acute	inhalation	systemic	1286,4 mg/m ³

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Worker DNEL, long-term	inhalation	local	837,5 mg/m ³
Worker DNEL, acute	inhalation	local	1066,67 mg/m ³
Consumer DNEL, acute	inhalation	systemic	1152 mg/m ³
Consumer DNEL, long-term	inhalation	local	178,57 mg/m ³
Consumer DNEL, acute	inhalation	local	640 mg/m ³
67-56-1	methanol		
Worker DNEL, long-term	inhalation	systemic	130 mg/m ³
Worker DNEL, acute	inhalation	systemic	130 mg/m ³
Worker DNEL, long-term	inhalation	local	130 mg/m ³
Worker DNEL, acute	inhalation	local	130 mg/m ³
Worker DNEL, long-term	dermal	systemic	20 mg/kg bw/day
Worker DNEL, acute	dermal	systemic	20 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	26 mg/m ³
Consumer DNEL, acute	inhalation	systemic	26 mg/m ³
Consumer DNEL, long-term	inhalation	local	26 mg/m ³
Consumer DNEL, acute	inhalation	local	26 mg/m ³
Consumer DNEL, long-term	dermal	systemic	4 mg/kg bw/day
Consumer DNEL, acute	dermal	systemic	4 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	4 mg/kg bw/day
Consumer DNEL, acute	oral	systemic	4 mg/kg bw/day

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PNEC values

CAS No	Substance	Value
Environmental compartment		
64742-52-5	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy naphthenic	
Secondary poisoning		9,33 mg/kg
7440-02-0	nickel powder	
Freshwater		0,0071 mg/l
Freshwater (intermittent releases)		0 mg/l
Marine water		0,0086 mg/l
Freshwater sediment		109 mg/kg
Marine sediment		109 mg/kg
Secondary poisoning		0,12 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,33 mg/l
Soil		29,9 mg/kg
7429-90-5	aluminium powder (stabilised)	
Freshwater		0,0749 mg/l
Micro-organisms in sewage treatment plants (STP)		20 mg/l

8.2. Exposure controls

Appropriate engineering controls

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

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection:

- Eye glasses with side protection
- goggles

Hand protection

Tested protective gloves must be worn: EN ISO 374

NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Wearing time with permanent contact: Thickness of the glove material: $\geq 0,4$ mm, Breakthrough time: >480 min

Wearing time with occasional contact (splashes): Thickness of the glove material: $\geq 0,1$ mm, Breakthrough time: > 30 min

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.

Breakthrough times and swelling properties of the material must be taken into consideration.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

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Respiratory protection

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

Combination filtering device A-P3

Self-contained respirator (breathing apparatus)

Thermal hazards

No data available

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Paste
Colour:	grey
Odour:	like: Petroleum

Test method

Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	No data available
Lower explosion limits:	No data available
Upper explosion limits:	No data available
Flash point:	95 °C
Auto-ignition temperature:	> 350 °C
Decomposition temperature:	No data available
pH-Value:	No data available
Viscosity / kinematic:	No data available
Water solubility:	practically insoluble
Solubility in other solvents	
No information available.	
Dissolution rate:	No data available
Partition coefficient n-octanol/water:	<1
Dispersion stability:	No data available
Vapour pressure:	No data available
Vapour pressure:	No data available
Density:	1,29 g/cm ³
Relative density:	No data available
Bulk density:	No data available
Relative vapour density:	>1 (Air=1)

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

not explosive according to EU A.14

Self-ignition temperature

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Solid: No data available
Gas: No data available
Oxidizing properties
(Air=1)

Other safety characteristics

Evaporation rate: <1 (Ether=1)
Solid content: No data available
Sublimation point: No data available
Softening point: No data available
Pour point: No data available
Viscosity / dynamic:
(at 23 °C) ~ 1000000 mPa·s

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

Does not decompose when used for intended uses.

10.3. Possibility of hazardous reactions

Formation of explosive mixtures with: Acid
Formation of: Hydrogen

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Acid

10.6. Hazardous decomposition products

- Hydrogen
- Carbon monoxide
- Carbon dioxide (CO₂).
- Nitrogen oxides (NO_x)

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

ATEmix calculated

ATE (oral) > 5000 mg/kg; ATE (dermal) > 5000 mg/kg

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-52-5	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy naphthenic				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1982)	OECD Guideline 401
	dermal	LD50 > 5000 mg/kg	Rabbit	Study report (1982)	OECD Guideline 402
7440-02-0	nickel powder				
	oral	LD50 > 9000 mg/kg	Rat	Study report (1983)	OECD Guideline 401
9003-29-6	polybutene (isobutylene/butene copolymer)				
	oral	LD50 > 10000 mg/kg	Rat	Study report (1986)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1996)	OECD Guideline 402
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1988)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1989)	OECD Guideline 402
	inhalation (4 h) vapour	LC50 > 4,96 mg/l	Rat	Study report (1992)	OECD Guideline 403
67-56-1	methanol				
	oral	LD50 > 1187 - 2769 mg/kg	Rat	Study report (1975)	Study performed according to internal co
	dermal	ATE 300 mg/kg			
	inhalation (4 h) vapour	LC50 128,2 mg/l	Rat	Study report (1980)	Study performed according to internal co
	inhalation dust/mist	ATE 0,5 mg/l			

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

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

Sensitising effects

May cause an allergic skin reaction. (nickel powder)

Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of causing cancer. (nickel powder)

Germ cell mutagenicity: 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

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

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STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure. (nickel powder)

Aspiration hazard

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

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

No data available

Other information

No information available.

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
64742-52-5	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy naphthenic					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Pimephales promelas	Study report (1995)	OECD Guideline 203
	Fish toxicity	NOEC >= 1000 mg/l	14 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
7440-02-0	nickel powder					
	Acute fish toxicity	LC50 15,3 mg/l	96 h	Oncorhynchus mykiss	Aquatic Toxicology 63 (2003) 65-82 (2003)	other: not reported
	Acute algae toxicity	ErC50 0,237 mg/l	72 h	Ankistrodesmus falcatus	Publication (2009)	OECD Guideline 201
	Acute crustacea toxicity	EC50 0,276 mg/l	48 h	Ceriodaphnia dubia	Study report (2005)	Test methods were in accordance with app
	Fish toxicity	NOEC 0,057 mg/l	32 d	Pimephales promelas	Water Resources Research Institute. Kent	other: ASTM 1980, E-729
	Algae toxicity	NOEC 0,6 mg/l	14 d	Anabaena cylindrica	Environ. Pollut. (Series A). 25(4):241-2	other: not reported
	Crustacea toxicity	NOEC 0,0053 - 0,0153 mg/l	7 d	Ceriodaphnia dubia	Environmental Toxicology and Chemistry,	other: EPA/600/4-91/002
	Acute bacteria toxicity	EC50 33 mg/l ()	0,5 h	Activated sludge	Journal of Hazardous Materials. B139:332	ISO 8192
9003-29-6	polybutene (isobutylene/butene copolymer)					
	Acute fish toxicity	LL50 > 1000 mg/l	96 h	Oncorhynchus mykiss	REACH Registration Dossier	other: REACH Guidance on QSARs R.6
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Raphidocelis subcapitata	REACH Registration Dossier	other: REACH Guidance on QSARs R.6
	Acute crustacea toxicity	EL50 > 1000 mg/l	48 h	Daphnia magna	REACH Registration Dossier	other: REACH Guidance on QSARs R.6
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Danio rerio	REACH Registration Dossier	OECD Guideline 203

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	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Raphidocelis subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EL50 mg/l	> 100	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC mg/l	0,131	28 d	Oncorhynchus mykiss	Company report (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC mg/l	> 10,2	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
67-56-1	methanol						
	Acute fish toxicity	LC50 mg/l	15400	96 h	Lepomis macrochirus	Bulletin of Environmental Contamination	other: EPA-660/3-75-00 9, 1975
	Acute algae toxicity	ErC50 mg/l	ca. 22000	96 h	Raphidocelis subcapitata	Ecotoxicology and Environmental Safety 7	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	> 10000	48 h	Daphnia magna	Water Research 23(4): 495-499 (1989)	other: DIN 38412 Teil 11
	Fish toxicity	NOEC mg/l	446,7	28 d	Pimephales promelas	SAR and QSAR in Environmental Research,	Calculation performed with ECOSAR
	Crustacea toxicity	NOEC	208 mg/l	21 d	Daphnia magna	OECD QSAR Toolbox Report (2013)	Toxicity of the target chemical is predi

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-52-5	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy naphthenic			
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	31%	28	
67-56-1	methanol			
		99	30	

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
9003-29-6	polybutene (isobutylene/butene copolymer)	7,6 - 7,8
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	>= 3,17
67-56-1	methanol	-0,77

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BCF

CAS No	Chemical name	BCF	Species	Source
7440-02-0	nickel powder	45	other aquatic crustacea: Cambarus bartoni	Bull. Environ. Conta
9003-29-6	polybutene (isobutylene/butene copolymer)	144,54		EPA (2021)
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	>= 30,85	calculated	REACH Registration D
67-56-1	methanol	1	Cyprinus carpio	Comparative Biochemi

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

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

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 information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

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Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

No information available.

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 27, Entry 28, Entry 40, Entry 75

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. Observe employment restrictions for women of child-bearing age.

Water hazard class (D):

2 - obviously hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy naphthenic

nickel powder

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics

methanol

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,4,5,6,7,8,9,11,12,14,15.

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Abbreviations and acronyms

Flam. Liq. 2: Flammable liquids, hazard category 2
 Acute Tox. 3: Acute toxicity, hazard category 3
 Asp. Tox. 1: Aspiration hazard, hazard category 1
 Skin Irrit. 2: Skin irritation, hazard category 2
 Skin Sens. 1: Skin sensitisation, hazard category 1
 Carc. 2: Carcinogenicity, hazard category 2
 STOT SE 1: Specific target organ toxicity - single exposure, hazard category 1
 STOT RE 1: Specific target organ toxicity - repeated exposure, hazard category 1
 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)
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
 (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 ICAO: International Civil Aviation Organization
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 EC50: Effect concentration, 50 percent
 DNEL: Derived No Effect Level
 PNEC: Predicted No Effect Concentration
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Carc. 2; H351	Calculation method
Skin Irrit. 2; H315	Calculation method
Skin Sens. 1; H317	Calculation method
STOT RE 1; H372	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H301 Toxic if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H311 Toxic in contact with skin.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H331 Toxic if inhaled.
 H336 May cause drowsiness or dizziness.

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H351	Suspected of causing cancer.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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