

according to Regulation (EC) No 1907/2006

SUNSPEED ATF 9000

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

1.1. Product identifier

SUNSPEED ATF 9000

UFI: SECX-9WXX-1J4V-Y60G

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

Use of the substance/mixture

ΔTF

1.3. Details of the supplier of the safety data sheet

Company name: ROWE Mineralölwerk GmbH

 Street:
 Langgewann 101

 Place:
 D-67547 Worms

 Telephone:
 +49 (0)6241 5906

Telephone: +49 (0)6241 5906-0 Telefax: +49 (0)6241 5906-999

E-mail: info@rowe-oil.com
Contact person: Product Compliance
E-mail: sdb@rowe-oil.com
Internet: www.rowe-oil.com

1.4. Emergency telephone Ireland: Public (8am-10pm) +353 180 921 66, Healthcare Professionals +353

number: 1809 2566 other Countries: Emergency CONTACT (24-Hour-Number): GBK

GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

Reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)-alkyl phosphonates 1,1` [iminobis (ethyleniminoethylene)] bis [3- (octadecenyl) pyrrolidin-2,5-dione]

Signal word: Warning

Pictograms:



Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing and eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P321 Specific treatment (see Additional information on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container to of the disposal according to local regulations.

2.3. Other hazards

No information available.



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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification (Regulation (EC) No 1272/2008)				
2241366-04-9	Octadecene, reaction products with	n hexadecene, hydrogenated		60 - < 100 %	
	832-827-5		01-2120836642-54		
	Asp. Tox. 1; H304				
72623-86-0	Lubricating oils (petroleum), C15-3 L)	0, hydrotreated neutral oil-based; Ba	seoil - unspecified (Note	5 - < 15 %	
	276-737-9	649-482-00-X	01-2119474878-16		
	Asp. Tox. 1; H304				
64742-55-8	Distillates (petroleum), hydrotreate	d light paraffinic; Baseoil - unspecifie	ed (Note L)	1 - < 2.5 %	
	265-158-7	649-468-00-3	01-2119487077-29		
	Asp. Tox. 1; H304				
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)				
	265-159-2	649-469-00-9	01-2119480132-48		
	Asp. Tox. 1; H304				
398141-87-2	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alkyloxy) derivatives., C10-rich (international CAS 18760-44-6)				
	800-172-4		01-2119969520-35		
	Aquatic Chronic 2; H411				
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified (Note L)				
	265-156-6	649-466-00-2	01-2119480375-34		
	Asp. Tox. 1; H304				
	Reaction product of: polyethylene- phosphonates	polyamine-(C16-C18)-alkylamides w	ith monothio-(C2)-alkyl	1 - < 2.5 %	
	417-450-2	650-042-00-4	01-0000016426-70		
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens.	1, Aquatic Chronic 3; H315 H319 H3	317 H412		
64051-50-9	1,1` [iminobis (ethyleniminoethylene)] bis [3- (octadecenyl) pyrrolidin-2,5-dione]				
	264-637-8				
	Skin Sens. 1B, Aquatic Chronic 3; H317 H412				

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.	pecific Conc. Limits, M-factors and ATE						
72623-86-0	276-737-9	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)	5 - < 15 %					
	inhalation: LC50 = 5,53 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg							
64742-55-8	265-158-7	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified (Note L)	1 - < 2.5 %					
	dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg							
64742-56-9	9 265-159-2 Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)							
	inhalation: LC50 = 5,53 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg							
64742-53-6	265-156-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified (Note L)	1 - < 2.5 %					
	dermal: LD50 =	= > 5000 mg/kg; oral: LD50 = > 5000 mg/kg						

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink 1 glass of of water.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

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





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General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment. Remove persons to safety.

For emergency responders

Wear personal protection equipment (refer to section 8).

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

Stop leak if safe to do so. Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up

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.

Other information

Clean contaminated articles and floor according to the environmental legislation.

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

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

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, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

ATF

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

CAS No Su	substance	ppm	mg/m³	fib/cm³	Category	Origin
I I	fineral Oil pure, highly & severely refined nhalable)	-	5		TWA (8 h)	



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DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral of	oil-based; Baseoil - unsp	pecified (Note L)	
Worker DNEL,	long-term	inhalation	systemic	2,73 mg/m³
Worker DNEL,	long-term	inhalation	local	5,58 mg/m³
Worker DNEL,	long-term	dermal	systemic	0,97 mg/kg bw/day
Consumer DNE	EL, long-term	oral	systemic	0,74 mg/kg bw/day
Consumer DNE	EL, long-term	dermal	systemic	0,74 mg/kg bw/day
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic; Baseoil	- unspecified (Note L)		
Worker DNEL,	long-term	inhalation	systemic	2,73 mg/m³
Worker DNEL,	long-term	inhalation	local	5,58 mg/m³
Worker DNEL,	long-term	dermal	systemic	0,97 mg/kg bw/day
Consumer DNE	EL, long-term	inhalation	local	1,19 mg/m³
Consumer DNE	EL, long-term	oral	systemic	0,74 mg/kg bw/day
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Ba	seoil - unspecified (Note	e L)	
Worker DNEL,	long-term	dermal	systemic	0,97 mg/kg bw/day
Worker DNEL,	long-term	inhalation	systemic	2,73 mg/m³
Worker DNEL,	long-term	inhalation	local	5,58 mg/m³
Consumer DNE	EL, long-term	oral	systemic	0,74 mg/kg bw/day
Consumer DNE	EL, long-term	inhalation	local	1,19 mg/m³
398141-87-2	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alk 18760-44-6)	yloxy) derivatives., C10	-rich (international CAS	3
Worker DNEL,	long-term	inhalation	systemic	24,7 mg/m³
Worker DNEL,	long-term	dermal	systemic	350 mg/kg bw/day
Consumer DNE	EL, long-term	inhalation	systemic	4,35 mg/m³
Consumer DNE	EL, long-term	dermal	systemic	125 mg/kg bw/day
Consumer DNE	EL, long-term	oral	systemic	2,5 mg/kg bw/day
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Base	oil - unspecified (Note L)	
Worker DNEL,	long-term	inhalation	systemic	2,73 mg/m³
Worker DNEL,	long-term	inhalation	local	5,58 mg/m³
Worker DNEL, long-term		dermal	systemic	0,97 mg/kg bw/day
Consumer DNEL, long-term		inhalation	local	1,19 mg/m³
Consumer DNE	EL, long-term	oral	systemic	0,74 mg/kg bw/day
64051-50-9	1,1` [iminobis (ethyleniminoethylene)] bis [3- (octadecenyl)	pyrrolidin-2,5-dione]		
Worker DNEL,	long-term	inhalation	systemic	12 mg/m³
Worker DNEL,	long-term	dermal	systemic	6,7 mg/kg bw/day



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PNEC values

CAS No	Substance	
Environmental	compartment	Value
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified (Note	e L)
Secondary pois	coning	9,33 mg/kg
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified (Note L)	
Secondary pois	coning	9,33 mg/kg
398141-87-2	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alkyloxy) derivatives., C10-rich (internal 18760-44-6)	tional CAS
Freshwater		0,0024 mg/l
Freshwater (int	ermittent releases)	0,024 mg/l
Marine water		0,00033 mg/l
Freshwater sed	liment	0,433 mg/kg
Marine sediment		0,0596 mg/kg
Secondary poisoning		111,11 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		0,0853 mg/kg
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified (Note L)	
Secondary pois	coning	9,33 mg/kg
64051-50-9	1,1` [iminobis (ethyleniminoethylene)] bis [3- (octadecenyl) pyrrolidin-2,5-dione]	
Freshwater		0,048 mg/l
reshwater (int	ermittent releases)	0,476 mg/l
Marine water		0,005 mg/l
Freshwater sediment		883000 mg/kg
Marine sediment		88300 mg/kg
Secondary pois	66,7 mg/kg	
Micro-organisn	s in sewage treatment plants (STP)	32 mg/l
Soil		177000 mg/kg

8.2. Exposure controls



Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye protection/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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.

Skin protection

Use of protective clothing.



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Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:

Colour:

Odour:

Odour threshold:

Liquid

amber

characteristic

not determined

Melting point/freezing point:

Boiling point or initial boiling point and

not determined
not determined

boiling range:

Flammability: Non-flammable. Lower explosion limits: not determined not determined Upper explosion limits: Flash point: 209 °C Auto-ignition temperature: not determined Decomposition temperature: not determined pH-Value: not determined Viscosity / kinematic: 34,5 mm²/s

(at 40 °C)

Water solubility: practically insoluble

Solubility in other solvents

not determined

Partition coefficient n-octanol/water:

Vapour pressure:

Density:

Relative vapour density:

Particle characteristics:

not determined

0,834 g/cm³

not determined

not determined

not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Oxidizing properties

The product is not: oxidising.

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

none

10.5. Incompatible materials

No information available.



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10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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

Toxicocinetics, metabolism and distribution

No data available.

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 vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name								
	Exposure route	Dose		Species	Source	Method			
72623-86-0	Lubricating oils (petro	oleum), C15-30), hydrotreated	d neutral oil-base	d; Baseoil - unspecified (Note L)			
	oral	LD50 mg/kg	> 5000	Rat	REACh Dossier	OECD 401			
	dermal	LD50 mg/kg	> 5000	Rabbit	REACh Dossier	OECD 402			
	inhalation (4 h) dust/mist	LC50	5,53 mg/l	Rabbit	echa readacross	OECD			
64742-55-8	Distillates (petroleum	n), hydrotreated	light paraffini	c; Baseoil - unsp	ecified (Note L)				
	oral	LD50 mg/kg	> 5000	Rat	REACh Dossier	OECD 401			
	dermal	LD50 mg/kg	> 5000	Rabbit	REACh Dossier	OECD 402			
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)								
	oral	LD50 mg/kg	> 5000	Rat	REACh Dossier	OECD 401			
	dermal	LD50 mg/kg	> 5000	Rabbit	REACh Dossier	OECD 402			
	inhalation (4 h) dust/mist	LC50	5,53 mg/l	Ratte	Echa	OECD 403			
64742-53-6	Distillates (petroleum	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified (Note L)							
	oral	LD50 mg/kg	> 5000	Rat	ECHA	OECD 401			
	dermal	LD50 mg/kg	> 5000	Rabbit	ECHA	OECD 402			

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.

Sensitising effects

May cause an allergic skin reaction. (Reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)-alkyl phosphonates; 1,1` [iminobis (ethyleniminoethylene)] bis [3- (octadecenyl) pyrrolidin-2,5-dione])

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.





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STOT-single exposure

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

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.

11.2. Information on other hazards

Other information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

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

The product is not: Ecotoxic.



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2241366-04-	Aguatia taxiaity									
2241366-04-	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method			
9	Octadecene, reaction products with hexadecene, hydrogenated									
	Acute fish toxicity	LC50 mg/l	>100	96 h	Danio rerio (zebrafish)	ECHA				
	Acute algae toxicity	ErC50 mg/l	>100	72 h	Pseudokirchneriella subcapitata	ECHA				
	Acute crustacea toxicity	EL50 mg/l	>100	48 h	Daphnia magna (Big water flea)	ECHA				
	Fish toxicity	NOEC mg/l	>=100	34 d	Gobiocypris rarus (Chinese rare minnow)	ECHA				
	Crustacea toxicity	NOEC	10 mg/l	21 d	Daphnia magna (Big water flea)	ECHA				
72623-86-0	Lubricating oils (petroleun	n), C15-30,	hydrotreated	neutral o	oil-based; Baseoil - unspe	cified (Note L)				
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas (fathead minnow)	REACh Dossier	OECD 203			
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Pseudokirchneriella subcapitata	REACh Dossier	OECD 201			
	Acute crustacea toxicity	EL50 mg/l	> 10000	48 h	Daphnia magna (Big water flea)	REACh Dossier	OECD 202			
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss (Rainbow trout)	REACh Dossier	QSAR			
	Algae toxicity	NOEC mg/l	>= 100	3 d	Pseudokirchneriella subcapitata	REACh Dossier	OECD 201			
	Crustacea toxicity	NOEC mg/l	> 10	21 d	Daphnia magna (Big water flea)	REACh Dossier	OECD 211			
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified (Note L)									
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas (fathead minnow)	REACh Dossier	OECD 203			
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Pseudokirchneriella subcapitata	REACh Dossier	OECD 201			
	Acute crustacea toxicity	EL50 mg/l	> 10000	48 h	Daphnia magna (Big water flea)	REACh Dossier	OECD 202			
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss (Rainbow trout)	REACh Dossier	QSAR			
	Crustacea toxicity	NOEC mg/l	> 1000	21 d	Daphnia magna (Big water flea)	REACh Dossier	OECD 211			
64742-56-9	Distillates (petroleum), so	lvent-dewax	ed light para	ffinic; Ba	seoil - unspecified (Note I	_)				
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas (fathead minnow)	REACh Dossier	OECD 203			
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Pseudokirchneriella subcapitata	REACh Dossier	OECD 201			
	Acute crustacea toxicity	EL50 mg/l	> 10000	48 h	Daphnia magna (Big water flea)	REACh Dossier	OECD 202			
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss (Rainbow trout)	REACh Dossier	QSAR			
	Crustacea toxicity	NOEC mg/l	> 1000	21 d	Daphnia magna (Big water flea)	REACh Dossier	OECD 211			
398141-87-2	Thiophene, tetrahydro, 1, 18760-44-6)	1-dioxide, 3-	- (C9-11 bran	ched alk	yloxy) derivatives., C10-ri	ch (international CA	S			



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	Acute fish toxicity	LC50	3,3 mg/l	96 h	Cyprinodon variegatus	REACh Registration Dossier	
	Acute crustacea toxicity	EC50	4,6 mg/l	48 h	Daphnia magna	REACh Registration Dossier	OECD Guideline 202
64742-53-6	6 Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified (Note L)						
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas (fathead minnow)	ECHA	OECD 203
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss (Rainbow trout)	CONCAWE, Brussels, Belgium (2010)	
64051-50-9	1,1` [iminobis (ethylenimin	noethylene)] bis [3- (octa	decenyl)	pyrrolidin-2,5-dione]		
	Acute algae toxicity	ErC50 mg/l	48,9	72 h	Pseudokirchneriella subcapitata	ECHA	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	73,4	48 h	Daphnia magna	ECHA	OECD Guideline 202

12.2. Persistence and degradability

The product has not been tested.

The pi	oduci nas noi been lesied.						
CAS No	Chemical name						
	Method	Value	d	Source			
	Evaluation						
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-bas	sed; Baseoil - unspecified	(Note L)				
	OECD 301F	31 %	28	REACh Dossier			
	Not easily bio-degradable (according to OECD-criteria).						
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - uns	specified (Note L)					
	OECD 301B	31 %	28	REACh Dossier			
	Not easily bio-degradable (according to OECD-criteria).						
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified (Note L)						
	OECD 301B	31 %	28	REACh Dossier			
	Not easily bio-degradable (according to OECD-criteria).						

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alkyloxy) derivatives., C10-rich (international CAS 18760-44-6)	4,11
64051-50-9	1,1` [iminobis (ethyleniminoethylene)] bis [3- (octadecenyl) pyrrolidin-2,5-dione]	13,94

BCF

CAS No	Chemical name	BCF	Species	Source
	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alkyloxy) derivatives., C10-rich (international CAS 18760-44-6)	31	Cyprinus carpio	REACh Registration D

12.4. Mobility in soil

The product has not been tested.

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.

The product has not been tested.



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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.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

130206 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN

CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; synthetic engine, gear and

lubricating oils; hazardous waste

List of Wastes Code - used product

130206 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN

CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; synthetic engine, gear and

lubricating oils; hazardous waste

Contaminated packaging

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

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. No dangerous good in sense of this transport regulation. 14.3. Transport hazard class(es):

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. No dangerous good in sense of this transport regulation.

14.4. Packing group: Marine transport (IMDG)

> No dangerous good in sense of this transport regulation. 14.1. UN number or ID number: 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. No dangerous good in sense of this transport regulation.

14.4. Packing group:

Air transport (ICAO-TI/IATA-DGR) No dangerous good in sense of this transport regulation. 14.1. UN number or ID number: 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: 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.





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14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

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 75

Information according to Directive

2012/18/EU (SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

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

SECTION 16: Other information



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Abbreviations and acronyms

Asp. Tox. 1: Aspiration hazard, hazard category 1 Skin Irrit. 2: Skin irritation, hazard category 2 Eye Irrit. 2: Eye irritation, hazard category 2 Skin Sens. 1: Skin sensitisation, hazard category 1

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

EC/EEC: European Community/European Economic Community

EU: European Union

CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate LC50: Lethal concentration, 50%

LD50: Lethal dose, 50% LL50: Lethal loading, 50% EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

M-factor: Multiplying factor

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules MFAG: Medical First Aid Guide

IATA: International Air Transport Association DGR: Dangerous Goods Regulations

ICAO: International Civil Aviation Organization

TI: Technical Instructions

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container SVHC: Substance of Very High Concern

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

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

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method

Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.



according to Regulation (EC) No 1907/2006

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H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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