

according to Regulation (EC) No 1907/2006

**HIGHTEC ATF 9007**

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

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**1.2. Relevant identified uses of the substance or mixture and uses advised against****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 5906-0	Telefax: +49 (0)6241 5906-999
e-mail:	info@rowe-oil.com	
Internet:	www.rowe-oil.com	
Responsible Department:	sdb@rowe-oil.com	

**1.4. Emergency telephone number:** Giftnotruf Mainz (DE; E) +49 (0)6131-19240**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:  
Hazardous to the aquatic environment: Aquatic Chronic 3  
Hazard Statements:  
Harmful to aquatic life with long lasting effects.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**P273 Avoid release to the environment.  
P501 Dispose of contents/container to of the disposal according to local regulations.**Special labelling of certain mixtures**EUH208 Contains Reaction products of amines, dicoco alkyl and glycollic acid, 1- (tert-Dodecylthio) propan-2-ol, 3-(dicocoalkylamino)-1,2-propanediol, Benzene, polypropene derivatives, sulfonated, calcium salts, C14-18 alpha-olefin epoxide, reactionproducts with boric acid.  
May produce an allergic reaction.**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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**Hazardous components**

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic	30 - < 60 %
	265-158-7	
	01-2119487077-29	
	Asp. Tox. 1; H304	
	mineral oil	5 - < 15 %
	Asp. Tox. 1; H304	
398141-87-2	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alkyloxy) derivatives., C10-rich	1 - < 2.5 %
	800-172-4	
	01-2119969520-35	
	Aquatic Chronic 2; H411	
	3-(dicocoalkylamino)-1,2-propanediol	0.3 - < 1 %
	482-000-4	
	Skin Sens. 1, Aquatic Chronic 3; H317 H412	
	Reaction products of amines, dicoco alkyl and glycollic acid	0.3 - < 1 %
	471-920-1	
	Skin Sens. 1B; H317	
67124-09-8	1- (tert-Dodecylthio) propan-2-ol	0.3 - < 1 %
	266-582-5	
	01-2119953277-30	
	Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410	
1218787-32-6	2,2' - (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol	0.1 - < 0.3 %
	620-540-6	
	01-2119510877-33	
	Acute Tox. 4, Skin Corr. 1C, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H400 H410	
	Benzene, polypropene derivatives, sulfonated, calcium salts	0.1 - < 0.3 %
	Skin Sens. 1B; H317	
95-38-5	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	0.1 - < 0.3 %
	202-414-9	
	01-2119777867-13	
	Acute Tox. 4, Skin Corr. 1C, Eye Irrit. 2, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H319 H373 H400 H410	
1471314-23-4	C14-18 alpha-olefin epoxide, reactionproducts with boric acid	0.1 - < 0.3 %
	939-580-3	
	01-2119976364-28	
	Skin Sens. 1B; H317	

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

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**
**After inhalation**

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

**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. If skin irritation occurs: Get medical advice/attention.

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**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**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**

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

**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**

Use personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**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.

**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.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

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#### 8.2. Exposure controls



##### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

##### 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.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### SECTION 9: Physical and chemical properties

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

Physical state:	liquid	
Colour:	brown	
Odour:	characteristic	
pH-Value:		not determined

##### Changes in the physical state

Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Pour point:		~ -39 °C
Flash point:		>212 °C

##### Flammability

Solid:		not applicable
Gas:		not applicable

##### Explosive properties

The product is not: Explosive.

Lower explosion limits:		not determined
Upper explosion limits:		not determined

##### Self-ignition temperature

Solid:		not applicable
Gas:		not applicable

Decomposition temperature:		not determined
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##### Oxidizing properties

The product is not: oxidising.

Vapour pressure:		not determined
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Density (at 15 °C):	~ 0,845 g/cm <sup>3</sup>
Water solubility:	easily soluble
<b>Solubility in other solvents</b> not determined	
Partition coefficient n-octanol/water:	not determined
Viscosity / kinematic: (at 100 °C)	~ 6,2 mm <sup>2</sup> /s
Relative vapour density:	not determined
Evaporation rate:	not determined

**9.2. Other information**

Solid content:	not determined
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**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.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

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**Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Reaction products of amines, dicoco alkyl and glycollic acid				
	oral	LD50 >2500 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rat		
67124-09-8	1- (tert-Dodecylthio) propan-2-ol				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
1218787-32-6	2,2 '- (C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol				
	oral	ATE 500 mg/kg			
95-38-5	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol				
	oral	ATE 500 mg/kg			

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

Harmful to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
398141-87-2	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alkyloxy) derivatives., C10-rich					
	Acute fish toxicity	LC50 2,4 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50 63 mg/l	72 h	Scenedesmus quadricauda		
	Acute crustacea toxicity	EC50 4,6 mg/l	48 h	Daphnia pulex (water flea)		
	Fish toxicity	NOEC mg/l >100	4 d	Oncorhynchus mykiss (Rainbow trout)		
	Algae toxicity	NOEC mg/l 0,313	3 d	Scenedesmus quadricauda		
	Crustacea toxicity	NOEC mg/l 0,63	2 d	Daphnia pulex (water flea)		

**12.2. Persistence and degradability**

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
398141-87-2	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alkyloxy) derivatives., C10-rich			
	OECD TG 301 C	9,6%	28	

**12.3. Bioaccumulative potential**

The product has not been tested.

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**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
398141-87-2	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alkyloxy) derivatives., C10-rich	4,1

**BCF**

CAS No	Chemical name	BCF	Species	Source
398141-87-2	Thiophene, tetrahydro, 1,1-dioxide, 3- (C9-11 branched alkyloxy) derivatives., C10-rich	27,54		

**12.4. Mobility in soil**

The product has not been tested.

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

The product has not been tested.

**12.6. Other adverse effects**

No information available.

**Further information**

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

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
**Disposal recommendations**

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

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

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

**List of Wastes Code - used product**

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information**
**Land transport (ADR/RID)**

- 14.1. UN 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:** 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.

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<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.
<b>Marine transport (IMDG)</b>	
<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.
<b>Air transport (ICAO-TI/IATA-DGR)</b>	
<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.
<b>14.5. Environmental hazards</b>	
ENVIRONMENTALLY HAZARDOUS:	No
<b>14.6. Special precautions for user</b>	
No dangerous good in sense of this transport regulation.	
<b>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</b>	
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 28

Information according to 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): 2 - obviously 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**
**Changes**

This data sheet contains changes from the previous version in section(s): 2,3,4,5,6,7,8,9,10,12,13,16.

**Abbreviations and acronyms**

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%



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- 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
  - DNEL: Derived No Effect Level
  - DMEL: Derived Minimal Effect Level
  - PNEC: Predicted No Effect Concentration
  - ATE: Acute toxicity estimate
  - 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
  - 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)
  - EmS: Emergency Schedules
  - MFAG: Medical First Aid Guide
  - ICAO: International Civil Aviation Organization
  - 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 table at <http://abbrev.esdscom.eu>

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

Classification	Classification procedure
Aquatic Chronic 3; H412	Calculation method

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

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH208 Contains Reaction products of amines, dicoco alkyl and glycollic acid, 1- (tert-Dodecylthio) propan-2-ol, 3-(dicocoalkylamino)-1,2-propanediol, Benzene, polypropene derivatives, sulfonated, calcium salts, C14-18 alpha-olefin epoxide, reactionproducts with boric acid. May produce an allergic reaction.

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