

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC Oktan-Booster**

Revision date: 11.01.2018

Page 1 of 8

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

HIGHTEC Oktan-Booster

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

Gasoline-Additive

**1.3. Details of the supplier of the safety data sheet**

Company name:	ROWE MINERALOELWERK GMBH	
Street:	Langgewann 101	
Place:	D-67547 Worms	
Telephone:	+49 (0)6241 5906-0	Telefax: +49 (0)6241 5906-999
e-mail:	info@rowe-mineraloel.com	
Internet:	www.rowe-mineraloel.com	
Responsible Department:	Kundenservice	

**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:

Flammable liquid: Flam. Liq. 3

Aspiration hazard: Asp. Tox. 1

Germ cell mutagenicity: Muta. 1B

Carcinogenicity: Carc. 1B

Carcinogenicity: Carc. 2

Specific target organ toxicity - repeated exposure: STOT RE 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

May cause genetic defects.

May cause cancer.

Suspected of causing cancer.

Causes damage to organs through prolonged or repeated exposure.

Harmful to aquatic life with long lasting effects.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

Naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha

Naphtha (petroleum), arom.-contg.; Low boiling point naphtha - unspecified

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified

naphthalene

**Signal word:** Danger**Pictograms:**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC Oktan-Booster**

Revision date: 11.01.2018

Page 2 of 8

**Hazard statements**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H340	May cause genetic defects.
H350	May cause cancer.
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**

P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P331	Do NOT induce vomiting.

**2.3. Other hazards**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

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

Reiniger (Cleaner)

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-82-1	Naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha			<70 %
	265-185-4	649-330-00-2	01-2119490979-12	
	Carc. 1B, Muta. 1B, STOT RE 1, Asp. Tox. 1; H350 H340 H372 H304			
64742-94-5	Kerosine - unspecified, Solvent naphtha (petroleum), heavy arom.			5 - < 15 %
	265-198-5	649-424-00-3	01-2119510128-50	
	Asp. Tox. 1; H304			
64742-95-6	Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified			<1 %
	265-199-0	649-356-00-4	01-2119486773-24	
	Carc. 1B, Muta. 1B, Asp. Tox. 1; H350 H340 H304			
91-20-3	naphthalene			<1 %
	202-049-5	601-052-00-2	01-2119561346-37	
	Carc. 2, Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1; H351 H302 H400 H410			

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

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

Move victim out of danger zone. If unconscious place in recovery position and seek medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing, including underwear and shoes.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC Oktan-Booster**

Revision date: 11.01.2018

Page 3 of 8

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion**

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**SECTION 5: Firefighting measures**
**5.1. Extinguishing media**
**Suitable extinguishing media**

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

**5.2. Special hazards arising from the substance or mixture**

Formation of explosive mixtures with: Air.

Special exposure hazards arising from the substance itself, combustion products, resulting gases: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide Harmful.

**5.3. Advice for firefighters**

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

**SECTION 6: Accidental release measures**
**6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment. Remove all sources of ignition.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

**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.

**SECTION 7: Handling and storage**
**7.1. Precautions for safe handling**
**Advice on safe handling**

Ensure adequate ventilation of the storage area. Keep away from sources of ignition. - No smoking.

**7.2. Conditions for safe storage, including any incompatibilities**
**Requirements for storage rooms and vessels**

Keep away from sources of ignition. - No smoking. Keep container tightly closed. Floors should be impervious, resistant to liquids and easy to clean. Protect from sunlight.

**Further information on storage conditions**

Keep only in the original container.

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
91-20-3	Naphthalene	10	50		TWA (8 h)	EU

**8.2. Exposure controls**
**Appropriate engineering controls**

Ensure adequate ventilation of the storage area. Remove all sources of ignition. Floors should be impervious,

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC Oktan-Booster**

Revision date: 11.01.2018

Page 4 of 8

resistant to liquids and easy to clean.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

Wear suitable gloves. penetration time (maximum wearing period): 4h

**Skin protection**

Protective clothing.

**Respiratory protection**

exceeding exposure limit values: gas filtering equipment (EN 141). In case of fire: Wear self-contained breathing apparatus.

**SECTION 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	yellowbrown
Odour:	characteristic

**Test method**
**Changes in the physical state**

Flash point:	56 °C
Lower explosion limits:	0.6 vol. %
Upper explosion limits:	7.0 vol. %
Density (at 15 °C):	~0,815 g/cm <sup>3</sup> DIN 51757
Water solubility:	Immiscible
<b>Solubility in other solvents</b>	
miscible with most organic solvents	
Viscosity / kinematic: (at 40 °C)	1,1 mm <sup>2</sup> /s DIN EN ISO 3104

**SECTION 10: Stability and reactivity**
**10.2. Chemical stability**

This product is stable under normal conditions. Hazardous reactions are unlikely.

**10.4. Conditions to avoid**

Remove all sources of ignition.

**10.5. Incompatible materials**

Reducing agent. Oxidizing agents, strong.

**10.6. Hazardous decomposition products**

 Special exposure hazards arising from the substance itself, combustion products, resulting gases: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC Oktan-Booster**

Revision date: 11.01.2018

Page 5 of 8

**Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-82-1	Naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
	inhalation (4 h) aerosol	LC50 >5610 mg/l	Rat		
91-20-3	naphthalene				
	oral	ATE 500 mg/kg			

**SECTION 12: Ecological information**
**12.2. Persistence and degradability**

Product is partially biodegradable.

**12.3. Bioaccumulative potential**

Bioaccumulative potential

**12.4. Mobility in soil**

Vapours are heavier than air and will spread at floor level.

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

This substance does not meet the criteria for classification as PBT or vPvB.

**12.6. Other adverse effects**

Harmful to aquatic organisms.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
**Advice on disposal**

Send to a physico-chemical treatment facility under observation of official regulations. Following consultation with waste management company and after physico-chemical pre-treatment, landfill together with household waste.

**Waste disposal number of waste from residues/unused products**

130701 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); wastes of liquid fuels; fuel oil and diesel; hazardous waste

**Waste disposal number of contaminated packaging**

130701 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); wastes of liquid fuels; fuel oil and diesel; 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:** UN1268  
**14.2. UN proper shipping name:** PETROLEUM PRODUCTS, N.O.S.  
**14.3. Transport hazard class(es):** 3

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC Oktan-Booster**

Revision date: 11.01.2018

Page 6 of 8

**14.4. Packing group:** III  
 Hazard label: 3



Classification code: F1  
 Limited quantity: 5 L  
 Transport category: 3  
 Hazard No: 30  
 Tunnel restriction code: D/E

**Other applicable information (land transport)**

Excepted quantity E1

**Inland waterways transport (ADN)**

**14.1. UN number:** UN1268  
**14.2. UN proper shipping name:** PETROLEUM DISTILLATES, N.O.S.  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Classification code: F1  
 Limited quantity: 5 L

**Other applicable information (inland waterways transport)**

Excepted quantity E1

**Marine transport (IMDG)**

**14.1. UN number:** UN1268  
**14.2. UN proper shipping name:** PETROLEUM DISTILLATES, N.O.S.  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Special Provisions: 223, 955  
 Limited quantity: 5 L  
 EmS: F-E, S-E

**Other applicable information (marine transport)**

Excepted quantity E1

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** UN1268  
**14.2. UN proper shipping name:** PETROLEUM DISTILLATES, N.O.S.  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC Oktan-Booster**

Revision date: 11.01.2018

Page 7 of 8



Special Provisions:	A3	
Limited quantity Passenger:	10 L	
IATA-packing instructions - Passenger:		355
IATA-max. quantity - Passenger:		60 L
IATA-packing instructions - Cargo:		366
IATA-max. quantity - Cargo:		220 L

**Other applicable information (air transport)**

Excepted quantity E1  
Passenger-LQ: Y344

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**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 29: Naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified

**National regulatory information**

Water contaminating class (D): 2 - clearly water contaminating

**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information**
**Changes**

This data sheet contains changes from the previous version in section(s): 2,3,8,15.

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

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Asp. Tox. 1; H304	Calculation method
Muta. 1B; H340	Calculation method
Carc. 1B; H350	Calculation method
Carc. 2; H351	Calculation method
STOT RE 1; H372	Calculation method
Aquatic Chronic 3; H412	Calculation method

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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC Oktan-Booster**

Revision date: 11.01.2018

Page 8 of 8

H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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