Safety Data Sheet ENERGIN® OEL G40 LongLife

according to Regulation (EC) No 1907/2006

Product code: 8D000080

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier — R Schmitt Enertec ENERGIN® OEL G40 LongLife

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

Use of the substance/mixture — Motor oil

1.3. Details of the supplier of the safety data sheet

Company name:	R Schmitt Enertec GmbH
Street:	Siemensstr. 13
Place:	D – 56743 Mendig
Telephone:	+49 2652-93 518 10
Telefax:	+49 2652-93 518 22
e-mail:	info@rschmitt-enertec.com
Internet:	www.rschmitt-enertec.com
Contact Person:	Service division
Responsible Department:	Service
Emergency number:	+49 2652-93 518 10

2. Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

Additional advice on labelling

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3. Other hazards

Prolonged/repetitive skin contact may cause skin defattening or dermatitis.
Spilled product must not leak into the ground.
Do not allow uncontrolled leakage of product into the environment.

3. Composition/information on ingredients

Further Information

The product does not contain any dangerous substances with concentrations reaching or exceeding the limits acc. to 1272/2008 [GHS]. Classification system: The classification corresponds to the current EC lists and is completed by information from specialist literature and company information.

4. First aid measures

4.1. Description of first aid measures

General information:

Self-protection of the first aider. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

After inhalation:

Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.

After contact with skin:

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, seek medical treatment.

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:

Do NOT induce vomiting. Rinse mouth thoroughly with water. Call a physician immediately.

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

First Aid, decontamination, treatment of symptoms.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO_2). Extinguishing powder. Water spray. alcohol resistant foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO_2). Sulfur oxides. Nitrogen oxides (NOx). Hydrogen sulphide (H_2S). carbon black.

5.3. Advice for firefighters

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

Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray/stream to protect personnel and to cool endangered containers. In case of fire and/or explosion do not breathe fumes. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

High slip hazard because of leaking or spilled product. Remove all sources of ignition. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Avoid contact with skin, eye and clothing.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. 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. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Refer to the provisions listed in Sections 8, 12 and 13.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Work in well-ventilated zones or use proper respiratory protection. Avoid oil mist If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid contact with skin, eye and clothing.

Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep the packing dry and well-sealed to prevent contamination and absorption of humidity.
Keep container tightly closed in a cool place.

Advice on storage compatibility

Keep away from food, drink and animal feeding stuffs.
Keep away from: Oxidizing agents.

Further information on storage conditions

Recommended storage temperature: 10 - 30°C
Protect against: heat. UV-radiation/sunlight. frost.

7.3. Specific end use(s)

Motor oil. Further information: see technical data sheet.

8. Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Recommended limit value for oil mist
TWA: 5 mg/m³ STEL: 10 mg/m³

The product does not contain any relevant quantities of substances with legally established exposure limitation.

8.2. Exposure controls

Appropriate engineering controls

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

Protective and hygiene measures

Wash hands before breaks and after work. Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use. Do not eat, drink, smoke or sneeze at the workplace.

Eye/face protection

Tightly sealed safety glasses. German Industry Norms (DIN) / European Norms (EN): DIN EN 166

Hand protection

Tested protective gloves are to be worn: German Industry Norms (DIN) /
European Norms (EN): DIN EN 374

Duration of wearing with permanent contact: 480 min
Suitable material: NBR (Nitrile rubber)
Thickness of glove material: 0.7 mm

Duration of wearing with occasional contact (splashes): 30 min
Suitable material: NBR (Nitrile rubber)
Thickness of glove material: 0.4 mm

Protect skin by using skin protective cream

Skin protection

Wear suitable protective clothing. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Breathing protection with filter against organic gases and vapours type A - boiling point > 65°C: A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	yellow - brown
Odour:	characteristic

Changes in the physical state		Test method
Initial boiling point and boiling range:	not determined	
Pour Point	-22 °C	ASTM D 7346
Flash point:	284 °C	DIN EN ISO 2592
Ignition temperature:	not determined	
Density (at 15 °C):	0.874 g/cm³	DIN 51757
Viscosity / kinematic: (at 100 °C)	13.3 mm²/s	ASTM D 7042

10. Stability and reactivity

10.1. Reactivity

Stable with proper care and handling.

10.2. Chemical stability

The product is chemically stable when handled and stored under normal conditions.

10.3. Possibility of hazardous reactions

No decomposition if used as intended.

10.4. Conditions to avoid

Refer to chapter 7 No further action is necessary.

10.5. Incompatible materials

Reacts with: Oxidizing agents, strong. Acid.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO_2). Sulphur oxides. Nitrogen oxides (NOx). Hydrogen sulphide (H_2S). carbon black.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No data available
Mixture not tested.

Irritation and corrosivity

Irritant effect on the eye: Not an irritant. Irritant effect on the skin: Prolonged/repetitive skin contact may cause skin defattening or dermatitis.

Sensitising effects

Evaluation: no danger of sensitization.

Carcinogenic/mutagenic/toxic effects for reproduction

No data available.

STOT-repeated exposure

Prolonged/respective skin contact cause skin defattering or dermatitis.

12. Ecological information

12.1. Toxicity

No data available. Mixture not tested.

12.2. Persistence and degradability

Not easily bio-degradable (according to OECD-criteria).
Do not allow to enter into surface water or drains.

12.3. Bio accumulative potential

No data available

12.4. Mobility in soil

Due to its low solubility in water the product is almost completely mechanically separated in biological waste water treatment plants.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

No data available

Further information

Do not allow uncontrolled leakage of product into the environment.

13. Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Must not be disposed of with domestic refuse.
Do not allow to enter into surface water or drains.

Waste disposal number of waste from 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 Classified as hazardous waste.

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Dispose of waste according to applicable legislation.
Packing which cannot be properly cleaned must be thrown away.

14. Transport information

14.1. Land transport (ADR/RID)

UN number: -

14.2. Inland waterways transport (ADN)

UN number: -

14.3. Marine transport (IMDG)

UN number: -

14.4. Air transport (ICAO)

UN number: -

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

Other applicable information

Not a hazardous material with respect to these transportation regulations.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

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

16. Other information

Further Information

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS]. These given data only refer to the named product. If the product is used together with other materials or in manufacturing processes the data might not be applicable any more. The data are based on today's state of our knowledge and experience. They are, however, no guarantee of any specific product properties and do not established any legally valid contractual relationship.

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.)