

US Safety Data Sheet

TOP SPEED 4T SAE 10W/30



Date of issue / Reference

05/04/2007 mku

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08/02/2007 Sheet No. 2233

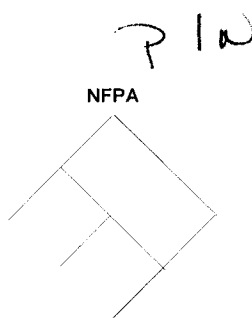
Page 1 of 5

Company

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

TOP SPEED 4T SAE 10W/30



36010109 - 1 liter
36010110 - 4 liter

| HMIS | |
|------|--|
| H | |
| F | |
| R | |
| C | |

1.2 Application / Use

Engine Oil

1.3 Producer

1.4 Supplier

1.5 TOX emergency number

1.6 Product No.

2 Composition

2.1 Chemical characterization

Paraffin oils
Additives

2.2 Hazardous components

Does not contain any dangerous substances according to the criteria of the EC (Council Directive 88/379/EEC).

2.3 Further information

3 Hazards identification

No known hazard.

4 First aid measures

4.1 Eye contact

Flush with plenty of water.
Consult a physician if irritation develops.

4.2 Skin contact

Remove contaminated clothing immediately.
Remove residues with soap and water.

US Safety Data Sheet

TOP SPEED 4T SAE 10W/30



Date of issue / Reference

05/04/2007 mku

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Date of printing

08/02/2007 Sheet No. 2233

Page 2 of 5

- | | | |
|-----|---------------------|--|
| 4.3 | Ingestion | Consult a physician who will decide on need and method of emptying the stomach. Do not induce vomiting. Do not take in resorption stimulating agents. |
| 4.4 | Inhalation | Take into fresh air. If respiratory irritation is experienced, call a physician. |
| 4.5 | Further information | |

5 Fire-fighting measures

- | | | |
|-----|------------------------------|--|
| 5.1 | Suitable extinguishing media | Water fog, carbon dioxide, foam, dry chemicals. |
| 5.2 | Extinguishing media to avoid | Do not use direct water stream. |
| 5.3 | Flash point | Test method: DIN EN ISO 2592 |
| 5.4 | Ignition temperature | |
| 5.5 | Explosion limits | Lower: Upper: |
| 5.6 | Further information | In case of fire carbon, sulphur and nitrogen oxides can be formed. |

6 Accidental release measures

Do not wash into sewers or into any body of water.
Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

7 Handling and storage

- | | | |
|-----|--------------------------------|--|
| 7.1 | Handling | Used oils (motor oils, gear oils, industrial oils) contain components causing skin cancer. Therefore, avoid skin contact by wearing protecting gloves. Carefully clean soiled parts of the skin with soap. |
| 7.2 | Industrial hygiene | Follow safety precautions for handling of mineral oils. |
| 7.3 | Storage | Follow regulations for storage of water hazarding products. |
| 7.4 | Place of storage | |
| 7.5 | Fire- and explosion-protection | Do not heat above flash point. |

8 Exposure controls / Personal protection

- | | | |
|-------|-------------------------------|--|
| 8.1 | Technical measures | No specific requirements. |
| 8.2 | Control of threshold limits | None established for the mixture. |
| 8.3 | Personal protective equipment | |
| 8.3.1 | Respiratory protection | Good general ventilation should be sufficient for most conditions. |

US Safety Data Sheet

TOP SPEED 4T SAE 10W/30



Date of issue / Reference

05/04/2007 mku

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08/02/2007 Sheet No. 2233

Page 3 of 5

8.3.2 Hand protection

Use impervious gloves when prolonged or frequently repeated contact could occur.

8.3.3 Eye protection

If contact with the product is possible, an eye protector is recommended.

8.3.4 Other

None.

9 Physical and chemical properties

9.1 Appearance

liquid

9.2 Colour

yellow to brown

9.3 Odour

characteristic

9.4 Change of physical state

Test method:

9.5 Density

0.855 g/cm³ (20°C)

ASTM D 4052

9.6 Vapour pressure

9.7 Viscosity

75.14 mm²/s (40°C)
11.62 mm²/s (100°C)

DIN 51562-1

9.8 Solubility

in water

immiscible

9.9 pH

not applicable

9.10 Further information

US Safety Data Sheet

TOP SPEED 4T SAE 10W/30



Date of issue / Reference

05/04/2007 mku

Replaces version of

Date of printing

08/02/2007 Sheet No. 2233

Page 4 of 5

10 Stability and reactivity

- | | | |
|------|----------------------------------|--|
| 10.1 | Thermal decomposition | Is stable under normal storage conditions. |
| 10.2 | Hazardous decomposition products | None under normal conditions of storage and use. |
| 10.3 | Hazardous reactions | No hazards known. |
| 10.4 | Further information | |

11 Toxicological information

- | | | |
|------|-----------------------------|---|
| 11.1 | Acute toxicity | The estimated oral LD50 for rats is >2000 mg/kg. No adverse effects anticipated by this route of exposure incidental to proper handling. |
| 11.2 | Subacute / Chronic toxicity | |
| 11.3 | Further information | None. |

12 Ecological information

Water Hazard Class (Germany): Class 2 (self assessment): hazardous for water.

13 Disposal considerations

Comply with local and national regulations.

- | | | |
|------|-----------------|--|
| 13.1 | EU/CH waste key | 13 02 05 non chlorinated machine, gear and lubricating oils based on mineral oil |
|------|-----------------|--|

14 Transport information

- | | | | |
|------|-------------------|----------------------|---------------|
| 14.1 | Transport at land | ADR | RID |
| | | UN Number | Kemler Number |
| | | Packing Group | |
| | | Proper shipping name | |
| 14.2 | Transport at sea | ADNR | IMDG |
| | | UN Number | |
| | | EMS | MFAG |
| | | Packing Group | |
| | | Proper shipping name | |

US Safety Data Sheet

TOP SPEED 4T SAE 10W/30



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Date of printing

08/02/2007 **Sheet No. 2233**

Page 5 of 5

14.3 Air transport

ICAO / IATA-DGR
UN Number
Packing Group
Proper shipping name

Passenger airplane

Packing Instructions

Cargo Airplane

max.
Packing Instructions

max.

14.4 Further information

Product is not classified for any mode of transportation.

15 Regulatory information

This product does not require classification according to the criteria of the EC and the "Gefahrstoffverordnung".

15.1 National regulations

15.2 NFPA Storage

15.3 Further information

16 Other information

No other information.

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.

This safety data sheet has been generated with the safety database 'ChemManager',
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