

SAFETY DATA SHEET



Product name: High Performance FF Fluid - 1309 Page: 1/8
Supersedes date: Print date: 2015-10-30
Product No.: SDS-ID: GB-EN/1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: High Performance FF Fluid - 1309

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

Application: Lubricant.

Uses advised against: Not available.

1.3. Details of the supplier of the safety data sheet

Supplier: Öhlins Racing AB
Box 722
S-194 51 Upplands Väsby
Sweden
Tel:+46 8 590 025 00
info@ohlins.se

Responsible for safety data sheet authoring: info@ohlins.se

1.4. Emergency telephone number

Emergency telephone: Call a Poison Center, emergency number or doctor/physician.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP: Asp. Tox. 1;H304

2.2. Label elements



Danger

Contains: Lubricating oils; Baseoil-unspecified

H304 May be fatal if swallowed and enters airways.

P331 Do NOT induce vomiting.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P280 Wear protective clothing and gloves.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local regulations.

P405 Store locked up.

2.3. Other hazards

Other: Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema, skin cracking and oil acne. The harmful effects may increase in used oil.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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3.2. Mixtures

The product contains: mineral oil and additives.
Only classified substances above threshold limits are shown.

CLP:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
60-100	74869-22-0	278-012-2	01-2119495601-36-	Lubricating oils; Baseoil- unspecified	Asp. Tox. 1;H304	

References: The full text for all R-phrases and hazard statements are displayed in section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Contact physician if irritation persists. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing.

Inhalation: Move into fresh air and keep at rest. In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact: Rinse with water. Contact physician if discomfort continues.

Ingestion: Rinse mouth with water. Do not induce vomiting. Aspiration hazard. Get medical attention.

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

Symptoms/effects: Ingestion: Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure.

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

Medical attention/treatments: Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Extinguish with foam, carbon dioxide or dry powder.
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Carbon monoxide (CO) may be formed in the event of incomplete combustion. Fire in closed areas should only be extinguished by trained personnel. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

5.3. Advice for firefighters

Protective equipment for fire-fighters: Wear suitable respiratory protective equipment.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid contact with skin and eyes. In case of spills, beware of slippery floors and surfaces. Mark the spillage.

6.2. Environmental precautions

Environmental precautions: Stop leak if possible without risk. Avoid discharge into drains. Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Contain spillage with sand or earth. Collect the spillage with cloths or an oil absorbent material.

6.4. Reference to other sections

References: For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling advice: Observe good chemical hygiene practices. Avoid inhalation of oil mist and contact with skin and eyes. Avoid prolonged and repeated contact with oil, particularly used oil.

Technical measures: Use work methods which minimise oil mist production.

Technical precautions: When working with heated oil, mechanical ventilation may be required.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: Store correctly to avoid spillage and oil vapours.

Storage conditions: Store in closed original container in a dry place. Protect from moisture.

7.3. Specific end use(s)

Specific use(s): Lubricant.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No occupational exposure limit assigned.

8.2. Exposure controls

Engineering measures:

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours and oil mist.

Respiratory equipment:

Under normal conditions of use respiration protection should not be required. Respiratory protection must be used if air contamination exceeds acceptable level.

Hand protection:

Wear protective gloves. It is recommended to use gloves of Viton or nitrile rubber.

Eye protection:

Wear approved safety goggles.

Skin protection:

Risk of splashes: Wear oil impervious protective clothing.

Hygiene measures:

Observe good chemical hygiene practices. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Clear liquid.
Colour: Yellow.
Odour threshold: Not applicable.
pH: Not applicable.
Melting point / freezing point: Not available.
Boiling point: Not available.
Flash point: 166 °C Cleveland Open Cup
Evaporation rate: Not available.
Flammability (solid, gas): Not applicable.
Explosion limits: 1-7%
Vapour pressure: < 0.01 @ 20°C (kPa)
Vapour density: Not applicable.
Relative density: 0.854 (15°C)
Solubility: Organic solvents.
Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature (°C): 200°C - 410°C
Decomposition temperature (°C): Not available.
Viscosity: 19 mm² /s @ 40°C

Explosive properties: Not applicable.
Oxidising properties: Not applicable.

9.2. Other information

Other data: -

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: Not reactive.

10.2. Chemical stability

Stability: Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Hazardous Reactions: None under normal conditions.

10.4. Conditions to avoid

Conditions/materials to avoid: Heat, sparks, flames.

10.5. Incompatible materials

Incompatible materials: Strong oxidising substances.

10.6. Hazardous decomposition products

Hazardous decomposition products: None under normal conditions. When heated and in case of fire, carbon monoxide, carbon dioxide and low-molecular hydrocarbons may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Respiratory or skin sensitisation: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive Toxicity: No data available.

STOT - Single exposure: No data available.

STOT - Repeated exposure: No data available.

Aspiration hazard: Harmful: may cause lung damage if swallowed.

Inhalation: In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

Skin contact: Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema, skin cracking and oil acne. Does not absorb in acutely toxic amounts through the skin. Product that under high pressure has been forced under the skin, may cause serious cell damage/death under the skin.

Eye contact: May cause temporary eye irritation.

Specific effects: Used oil may contain harmful contaminants. Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis.

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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity: Not classified as dangerous to the environment.

12.2. Persistence and degradability

Degradability: Potentially degradable, but will persist in the environment for long periods.

12.3. Bioaccumulative potential

Bioaccumulative potential: The product contains potentially bioaccumulating substances. (log Pow >3)

12.4. Mobility in soil

Mobility: Not considered mobile.

12.5. Results of PBT and vPvB assessment

PBT/vPvB: No data available.

12.6. Other adverse effects

Other adverse effects: An oil film may cause physical damage to organisms and disturb the transportation of oxygen in the intermediate zone between air/water or water/air.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste is classified as hazardous waste. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

UN-No: -

14.2. UN proper shipping name

Proper Shipping Name: -

14.3. Transport hazard class(es)

Class: -

14.4. Packing group

PG: -

14.5. Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

14.6. Special precautions for user

Special precautions: -

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk: -

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SECTION 15: REGULATORY INFORMATION

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

National regulation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, with amendments.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
EH40/2005, Workplace exposure limits 2005, with amendments.
The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

15.2. Chemical Safety Assessment

CSA status: No information available.

SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

Handling of used oils:

Protect health - avoid prolonged and repeated skin contact. Wash with soap and water. Protect the environment - do not pollute drains, water courses or the soil. Contact your local authority for any used oil disposal instructions.

Wording of H-statements:

H304 May be fatal if swallowed and enters airways.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
