



## SAFETY DATA SHEET

### Race Foam Filter Oil

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	Race Foam Filter Oil
Product number	7500-19
Internal identification	GHS23506

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

Identified uses	Oil for foam filters
Uses advised against	No specific uses advised against are identified.

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

Supplier	Morris Lubricants Castle Foregate Shrewsbury Shropshire SY1 2EL +44 (0) 1743 232200 +44 (0) 1743 353584 sds@morris-lubricants.co.uk
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##### 1.4. Emergency telephone number

Emergency telephone	+44(0)1743 232200 (08.45 - 17.00 GMT)
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards	Flam. Liq. 2 - H225
Health hazards	Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC) -

##### 2.2. Label elements

###### Hazard pictograms



Signal word

Danger

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<b>Hazard statements</b>	<p>H225 Highly flammable liquid and vapour.</p> <p>H315 Causes skin irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>
<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground and bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical, ventilating and lighting equipment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P331 Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P370+P378 In case of fire: Use dry powder, dry sand or dry earth to extinguish.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501a Dispose of contents/container to hazardous or special waste collection point.</p>
<b>Contains</b>	Hydrocarbons,C7, n-alkanes, isoalkanes, cyclics, Hydrocarbons,C6 isoalkanes,<5% n-hexane

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>Hydrocarbons,C7, n-alkanes, isoalkanes, cyclics</b>			<b>10-30%</b>
CAS number: 64742-49-0	EC number: 927-510-4	REACH registration number: 01-2119475515-33-0000	
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225		Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
Skin Irrit. 2 - H315			
STOT SE 3 - H336			
Asp. Tox. 1 - H304			
Aquatic Chronic 2 - H411			
<b>Hydrocarbons,C6 isoalkanes,&lt;5% n-hexane</b>			<b>10-30%</b>
CAS number: 64742-49-0	EC number: 931-254-9	REACH registration number: 01-2119484651-34-0000	
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225		Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
Skin Irrit. 2 - H315			
STOT SE 3 - H336			
Asp. Tox. 1 - H304			
Aquatic Chronic 2 - H411			

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<b>HEXANE-norm</b>			<b>&lt;1%</b>
CAS number: 110-54-3	EC number: 203-777-6	REACH registration number: 01-2119480412-44-0000	
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361f STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411		<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11 Repr. Cat. 3;R62 Xn;R48/20,R65 Xi;R38 R67 N;R51/53	
<b>CYCLOHEXANE</b>			<b>&lt;1%</b>
CAS number: 110-82-7	EC number: 203-806-2	REACH registration number: 01-2119463273-41-0000	
M factor (Acute) = 1	M factor (Chronic) = 1		
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11 Xn;R65 Xi;R38 R67 N;R50/53	

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

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.
<b>Ingestion</b>	Get medical attention if any discomfort continues. Do not induce vomiting. Product contains petroleum based material, which, if aspirated into the lungs may result in chemical pneumonia.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

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

<b>General information</b>	If aspiration into the lungs is suspected, eg when vomiting, admit to hospital immediately.
<b>Inhalation</b>	Upper respiratory irritation. High concentrations may be fatal.
<b>Ingestion</b>	Aspiration into the lungs e.g. through vomiting after ingestion, may result in chemical pneumonia.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.

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**Eye contact** Irritation of eyes and mucous membranes.

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media** 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** Heat from fire could result in drums bursting

**Hazardous combustion products** Oxides of carbon. Oxides of nitrogen. Fire may also create other unidentified organic gases some of which may be toxic.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

### 6.2. Environmental precautions

**Environmental precautions** Contain spillage with sand or earth. Avoid the spillage or runoff entering drains, sewers or watercourses. The product is insoluble in water and will spread on the water surface.

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

**Methods for cleaning up** Contain spillage with sand or earth. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor. Avoid water contacting spilled material or leaking containers. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. In case of spillage on water prevent the spread by use of suitable barrier equipment

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product.

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### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**Storage class** Flammable liquid storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### HEXANE-norm

Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

##### CYCLOHEXANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 300 ppm 1050 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### Hydrocarbons,C7, n-alkanes, isoalkanes, cyclics (CAS: 64742-49-0)

##### DNEL

Industry - Dermal; Long term systemic effects: 300 mg/kg/day

Industry - Inhalation; Long term systemic effects: 2085 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 149 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 477 mg/m<sup>3</sup>

Consumer - Oral; Long term systemic effects: 149 mg/kg/day

#### Hydrocarbons,C6 isoalkanes,<5% n-hexane (CAS: 64742-49-0)

##### DNEL

Industry - Dermal; Long term systemic effects: 13964 mg/kg/day

Industry - Inhalation; Long term systemic effects: 5306 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 1377 mg/m<sup>3</sup>

Consumer - Inhalation; Long term systemic effects: 1137 mg/m<sup>3</sup>

Consumer - Oral; Long term systemic effects: 1301 mg/kg/day

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

#### Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

#### Other skin and body protection

Use barrier creams to prevent skin contact.

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<b>Hygiene measures</b>	Use engineering controls to reduce air contamination to permissible exposure level. Wash promptly with soap and water if skin becomes contaminated.
<b>Respiratory protection</b>	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.
<b>Thermal hazards</b>	Product is flammable. Potentially explosive vapours formed on heating.
<b>Environmental exposure controls</b>	Do not allow product to contaminate land.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Blue-green.
<b>Odour</b>	Characteristic. Oil-like.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	65-100°C @ 101.3 kPa
<b>Flash point</b>	-23°C Abel flash point (IP 170)
<b>Upper/lower flammability or explosive limits</b>	Not known.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	(typical) 0.916 @ 15.6°C
<b>Solubility(ies)</b>	Insoluble in water. Soluble in the following materials: Organic solvents.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	2760 cSt @ 40°C 106.4 cSt @ 100°C (after evaporation of solvent) <10 cSt @ 40°C (before evaporation of solvent)
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Volatile organic compound</b>	The product is a complex mixture, the majority of which would not be classed as a VOC. However it cannot be discounted that trace or low levels of VOCs may be present.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	This product may form explosive vapours/air mixtures even at normal room temperature.
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#### 10.2. Chemical stability

<b>Stability</b>	Avoid heat, sparks and flames
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#### 10.3. Possibility of hazardous reactions

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**Possibility of hazardous reactions** Unlikely to occur under normal conditions of use.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Not expected to be highly toxic based on information of ingredients.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Not expected to be highly toxic based on information of ingredients.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Not determined.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Causes skin irritation.

#### Serious eye damage/irritation

**Serious eye damage/irritation** May cause mild, short lasting discomfort to eyes.

#### Respiratory sensitisation

**Respiratory sensitisation** Repeated exposure to oil mists may cause respiratory damage.

#### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Reproductive toxicity - fertility** No data available to suggest the product will cause reproductive toxicity.

#### Aspiration hazard

**Aspiration hazard** Kinematic viscosity ≤ 20.5 mm<sup>2</sup>/s. Aspiration hazard if swallowed.

**Inhalation** May cause drowsiness or dizziness.

**Ingestion** Aspiration into the lungs (e.g. through vomiting) after ingestion can be hazardous with possible resultant chemically induced pneumonia.

**Skin contact** Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause severe irritation.

**Eye contact** May cause temporary eye irritation.

**Acute and chronic health hazards** Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

## SECTION 12: Ecological information

## Race Foam Filter Oil

**Ecotoxicity** Toxic to aquatic organisms. May cause long-term adverse effects on the environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Biological oxygen demand** Not determined.

**Chemical oxygen demand** Not determined.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

**Partition coefficient** Not determined.

### 12.4. Mobility in soil

**Mobility** The product is immiscible with water and will spread on the water surface. The product contains volatile substances which may spread in the atmosphere.

**Henry's law constant** Not determined.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Waste class** European waste catalogue (EWC) number = 13 02 05\* (mineral based non-chlorinated engine, gear & lubricating oils)

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 3295

**UN No. (IMDG)** 3295

**UN No. (ICAO)** 3295

**UN No. (ADN)** 3295

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** HYDROCARBONS, LIQUID, N.O.S.

**Proper shipping name (IMDG)** HYDROCARBONS, LIQUID, N.O.S. (CONTAINS Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, Hydrocarbons, C6 isoalkanes, <5% n-hexane)

**Proper shipping name (ICAO)** HYDROCARBONS, LIQUID, N.O.S.

**Proper shipping name (ADN)** HYDROCARBONS, LIQUID, N.O.S.

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### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

#### Transport labels



### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	2
Emergency Action Code	3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

## SECTION 15: Regulatory information

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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Pollution Prevention and Control Act 1999. Special Waste regulations 1996. Control of Pollution (Oil Storage) (England) Regulations 2001 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
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<b>EU legislation</b>	Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC. 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) (as amended). 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 (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### Inventories

##### **EU - EINECS/ELINCS**

All the ingredients are listed or exempt.

##### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

##### **US - TSCA**

All the ingredients are listed or exempt.

##### **Korea - KECI**

All the ingredients are listed or exempt.

##### **China - IECSC**

All the ingredients are listed or exempt.

##### **Philippines – PICCS**

All the ingredients are listed or exempt.

##### **New Zealand - NZIOC**

All the ingredients are listed or exempt.

### **SECTION 16: Other information**

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	Regulatory Affairs
<b>Revision date</b>	04/06/2021
<b>Revision</b>	2
<b>Supersedes date</b>	21/12/2018
<b>SDS number</b>	23506
<b>Risk phrases in full</b>	Not classified.

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**Hazard statements in full**

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H361f Suspected of damaging fertility.  
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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.