



# Race Fuel

## Safety Data Sheet

according to Regulation (EU) 2015/830

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Race Fuel  
Product code : 572

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

##### 1.2.1. Relevant identified uses

Intended for general public

##### 1.2.2. Uses advised against

No additional information available

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

Wynn Oil Pty Ltd  
22 Mopedi Street  
P.O. Box 680  
1610 Edenvale - South Africa  
T 011-609 3708 - F 011 609 2218  
[safety@wynns.co.za](mailto:safety@wynns.co.za) - [www.wynns.co.za](http://www.wynns.co.za)

#### 1.4. Emergency telephone number

Emergency number : 011-609 3708

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|  |      |
|--|------|
| Flammable liquids, Category 2  | H225 |
| Acute toxicity (oral), Category 2                                      | H300 |
| Acute toxicity (dermal), Category 3                                    | H311 |
| Acute toxicity (inhalation:gas) Category 1                             | H330 |
| Skin corrosion/irritation, Category 2                                  | H315 |
| Carcinogenicity, Category 2  | H351 |
| Reproductive toxicity, Category 2                                      | H361 |
| Specific target organ toxicity — Single exposure, Category 3, Narcosis | H336 |
| Specific target organ toxicity — Repeated exposure, Category 2         | H373 |
| Hazardous to the aquatic environment — Chronic Hazard, Category 2      | H411 |

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. Fatal if inhaled. Fatal if swallowed. Toxic in contact with skin. Causes skin irritation. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02



GHS06



GHS08



GHS09

Signal word (CLP) :

Danger

Hazardous ingredients :

Confidential; tricarbonyl(methylcyclopentadienyl)manganese; Confidential; Confidential

Hazard statements (CLP) :

H225 - Highly flammable liquid and vapour.  
H300+H330 - Fatal if swallowed or if inhaled.  
H311 - Toxic in contact with skin.  
H315 - Causes skin irritation.  
H336 - May cause drowsiness or dizziness.  
H351 - Suspected of causing cancer.

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### Precautionary statements (CLP)

- H361 - Suspected of damaging fertility or the unborn child.  
 H373 - May cause damage to organs through prolonged or repeated exposure.  
 H411 - Toxic to aquatic life with long lasting effects.
- : P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233 - Keep container tightly closed.  
 P240 - Ground and bond container and receiving equipment.  
 P241 - Use explosion-proof equipment.  
 P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P284 - Wear respiratory protection.  
 P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 P302+P352 - IF ON SKIN: Wash with plenty of water.  
 P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P308+P313 - IF exposed or concerned: Get medical advice/attention.  
 P310 - Immediately call a POISON CENTER or doctor.  
 P312 - Call a POISON CENTRE or doctor if you feel unwell.  
 P320 - Specific treatment is urgent (see supplemental first aid instruction on this label).  
 P321 - Specific treatment (see supplemental first aid instruction on this label).  
 P330 - Rinse mouth.  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.  
 P361+P364 - Take off immediately all contaminated clothing and wash it before reuse.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P370+P378 - In case of fire: Use media other than water to extinguish.  
 P391 - Collect spillage.  
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235 - Store in a well-ventilated place. Keep cool.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier  | %           | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|---|-------------|--|
| Confidential                                 | (EC-No.) 203-625-9<br>(EC Index-No.) 601-021-00-3                         | Proprietary | Flam. Liq. 2, H225<br>Repr. 2, H361d<br>Asp. Tox. 1, H304<br>STOT RE 2, H373<br>Skin Irrit. 2, H315<br>STOT SE 3, H336                           |
| tricarbonyl(methylcyclopentadienyl)manganese | (CAS-No.) 12108-13-3<br>(EC-No.) 235-166-5                                | Proprietary | Acute Tox. 1 (Inhalation), H330<br>Acute Tox. 2 (Oral), H300<br>Acute Tox. 3 (Dermal), H311  |
| naphtha,heavy aromatic                       | (CAS-No.) 64742-94-5<br>(EC-No.) 265-198-5<br>(EC Index-No.) 649-424-00-3 | Proprietary | Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>Aquatic Chronic 2, H411  |
| Confidential                                 | (EC-No.) 202-049-5<br>(EC Index-No.) 601-052-00-2                         | Proprietary | Carc. 2, H351<br>Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410   |
| Confidential                                 | (EC-No.) 202-436-9<br>(EC Index-No.) 601-043-00-3                         | Proprietary | Flam. Liq. 3, H226<br>Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>Skin Irrit. 2, H315<br>Aquatic Chronic 2, H411 |

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Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Call a physician immediately.  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Call a physician immediately.   |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.   |
| First-aid measures after ingestion    | : Rinse mouth. Call a physician immediately.   |

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

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Symptoms/effects                    | : May cause drowsiness or dizziness. |
| Symptoms/effects after skin contact | : Irritation.                        |

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                              |  |
|------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

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

|  |                                       |
|--|---------------------------------------|
| Fire hazard                                      | : Highly flammable liquid and vapour. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.        |

#### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

|                      |   |
|----------------------|---|
| Emergency procedures | : No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Only qualified personnel equipped with suitable protective equipment may intervene. |
|----------------------|---|

##### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

#### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |   |
|-------------------------|---|
| For containment         | : Collect spillage.   |
| Methods for cleaning up | : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. |
| Other information       | : Dispose of materials or solid residues at an authorized site.   |

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing. |
| Hygiene measures              | : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.   |

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

|                    |  |
|--------------------|--|
| Technical measures | : Ground/bond container and receiving equipment. |
|--------------------|--|

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Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| tricarbonyl(methylcyclopentadienyl)manganese (12108-13-3) |                                  |                       |
|---|----------------------------------|-----------------------|
| Belgium   | Limit value (mg/m <sup>3</sup> ) | 0.2 mg/m <sup>3</sup> |
| France  | VME (mg/m <sup>3</sup> )         | 0.2 mg/m <sup>3</sup> |
| USA - ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )   | 0.2 mg/m <sup>3</sup> |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Colour                                     | : No data available |
| Odour                                      | : No data available |
| Odour threshold                            | : No data available |
| pH   | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : Not applicable    |
| Freezing point                             | : No data available |
| Boiling point                              | : No data available |
| Flash point                                | : No data available |
| Auto-ignition temperature                  | : No data available |
| Decomposition temperature                  | : No data available |
| Flammability (solid, gas)                  | : Not applicable    |
| Vapour pressure                            | : No data available |
| Relative vapour density at 20 °C           | : No data available |
| Relative density                           | : No data available |
| Solubility                                 | : No data available |
| Log Pow                                    | : No data available |
| Viscosity, kinematic                       | : No data available |
| Viscosity, dynamic                         | : No data available |
| Explosive properties                       | : No data available |
| Oxidising properties                       | : No data available |
| Explosive limits                           | : No data available |

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Highly flammable liquid and vapour.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Oral: Fatal if swallowed.  
Acute toxicity (dermal) : Dermal: Toxic in contact with skin.  
Acute toxicity (inhalation) : Inhalation:gas: Fatal if inhaled.

|                  |                          |
|------------------|--------------------------|
| ATE CLP (oral)   | 27.024 mg/kg bodyweight  |
| ATE CLP (dermal) | 473.293 mg/kg bodyweight |
| ATE CLP (gases)  | 33.803 ppmv/4h           |

#### Confidential

|                    |               |
|--------------------|---------------|
| LD50 oral rat      | ≈ 5000        |
| LD50 dermal rabbit | ≈ 12124 mg/kg |

#### tricarbonyl(methylcyclopentadienyl)manganese (12108-13-3)

|                            |                       |
|----------------------------|-----------------------|
| LD50 oral rat              | 8 mg/kg (Rat)         |
| LD50 dermal rat            | 665 mg/kg (Rat)       |
| LD50 dermal rabbit         | 140 mg/kg (Rabbit)    |
| LC50 inhalation rat (mg/l) | 0.076 mg/l (4 h, Rat) |

#### naphtha,heavy aromatic (64742-94-5)

|                            |                       |
|----------------------------|-----------------------|
| LD50 oral rat              | > 5000 mg/kg (Rat)    |
| LD50 dermal rabbit         | > 2000 mg/kg (Rabbit) |
| LC50 inhalation rat (mg/l) | > 5 mg/l (4 h, Rat)   |

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Suspected of causing cancer.  
Reproductive toxicity : Suspected of damaging fertility or the unborn child.

STOT-single exposure : May cause drowsiness or dizziness.  
STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.  
Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.  
Acute aquatic toxicity : Not classified  
Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

#### naphtha,heavy aromatic (64742-94-5)

|                |  |
|----------------|--|
| LC50 fish 1    | 2.34 mg/l (96 h, Oncorhynchus mykiss, Fresh water) |
| EC50 Daphnia 1 | 0.95 mg/l (48 h, Daphnia magna)                    |

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| naphtha,heavy aromatic (64742-94-5) |                                 |
|-------------------------------------|---------------------------------|
| EC50 72h algae (1)                  | 2.5 mg/l (Skeletonema costatum) |

### 12.2. Persistence and degradability

| tricarbonyl(methylcyclopentadienyl)manganese (12108-13-3) |   |
|---|---|
| Persistence and degradability                             | Biodegradability in water: no data available. |

| naphtha,heavy aromatic (64742-94-5) |                                     |
|-------------------------------------|-------------------------------------|
| Persistence and degradability       | Not readily biodegradable in water. |

### 12.3. Bioaccumulative potential

| tricarbonyl(methylcyclopentadienyl)manganese (12108-13-3) |                                    |
|---|------------------------------------|
| Bioaccumulative potential                                 | No bioaccumulation data available. |

| naphtha,heavy aromatic (64742-94-5) |               |
|-------------------------------------|---------------|
| Log Pow                             | 2.9 - 6.1     |
| Bioaccumulative potential           | Bioaccumable. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Additional information : Flammable vapours may accumulate in the container.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No. (ADR) : Not applicable  
UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable  
UN-No. (ADN) : Not applicable  
UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

**ADR**  
Transport hazard class(es) (ADR) : Not applicable

**IMDG**  
Transport hazard class(es) (IMDG) : Not applicable

**IATA**  
Transport hazard class(es) (IATA) : Not applicable

**ADN**  
Transport hazard class(es) (ADN) : Not applicable

**RID**  
Transport hazard class(es) (RID) : Not applicable

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### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN)  | : Not applicable |
| Packing group (RID)  | : Not applicable |

### 14.5. Environmental hazards

|                               |  |
|-------------------------------|--|
| Dangerous for the environment | : Yes                                    |
| Marine pollutant              | : Yes                                    |
| Other information             | : No supplementary information available |

### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

#### - Inland waterway transport

Not applicable

#### - Rail transport

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

##### Germany

Reference to AwSV : Water hazard class (WGK) 3, severe hazard to waters (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : naphtha,heavy aromatic is listed

SZW-lijst van mutagene stoffen : naphtha,heavy aromatic is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product  
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:

|                           |  |
|---------------------------|--|
| Acute Tox. 1 (Inhalation) | Acute toxicity (inhal.), Category 1  |
| Acute Tox. 2 (Oral)       | Acute toxicity (oral), Category 2  |
| Acute Tox. 3 (Dermal)     | Acute toxicity (dermal), Category 3  |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4  |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4  |
| Aquatic Acute 1           | Hazardous to the aquatic environment — Acute Hazard, Category 1                            |
| Aquatic Chronic 1         | Hazardous to the aquatic environment — Chronic Hazard, Category 1                          |
| Aquatic Chronic 2         | Hazardous to the aquatic environment — Chronic Hazard, Category 2                          |
| Asp. Tox. 1               | Aspiration hazard, Category 1  |
| Carc. 2                   | Carcinogenicity, Category 2  |
| Eye Irrit. 2              | Serious eye damage/eye irritation, Category 2  |
| Flam. Liq. 2              | Flammable liquids, Category 2  |
| Flam. Liq. 3              | Flammable liquids, Category 3  |
| Repr. 2                   | Reproductive toxicity, Category 2  |
| Skin Irrit. 2             | Skin corrosion/irritation, Category 2  |
| STOT RE 2                 | Specific target organ toxicity — Repeated exposure, Category 2                             |
| STOT SE 3                 | Specific target organ toxicity — Single exposure, Category 3, Narcosis                     |
| STOT SE 3                 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H225                      | Highly flammable liquid and vapour.  |
| H226                      | Flammable liquid and vapour.   |
| H300                      | Fatal if swallowed.  |
| H302                      | Harmful if swallowed.  |
| H304                      | May be fatal if swallowed and enters airways.  |
| H311                      | Toxic in contact with skin.  |
| H315                      | Causes skin irritation.  |
| H319                      | Causes serious eye irritation.   |
| H330                      | Fatal if inhaled.  |
| H332                      | Harmful if inhaled.  |
| H335                      | May cause respiratory irritation.  |
| H336                      | May cause drowsiness or dizziness.   |
| H351                      | Suspected of causing cancer.   |
| H361                      | Suspected of damaging fertility or the unborn child.                                       |
| H361d                     | Suspected of damaging the unborn child.  |
| 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.   |

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*