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

1.1 Product identifier
Product name: Castrol CRB Turbomax 15W-40 CI-4/SL/E7
Product code: 469751-AE02
SDS no.: 469751
Product type: Liquid.

1.2 Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture: Engine oils. For specific application advice see appropriate Technical Data Sheet or consult our company representative.

1.3 Details of the supplier of the safety data sheet
Supplier: BP Southern Africa (Pty)Ltd
199 Oxford Road
Oxford Parks
Dunkeld, 2196
South Africa
Product Technical Helpdesk: 0800 111 551
E-mail address: MSDSadvice@bp.com

1.4 Emergency telephone number
EMERGENCY TELEPHONE NUMBER
Tygerberg Poison Centre: 0861 555 777
Carechem: +27 21 300 2732 (24/7)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Product definition: Mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Not classified.

See sections 11 and 12 for more detailed information on health effects and symptoms and environmental hazards.

2.2 Label elements
Signal word: No signal word.
Hazard statements: No known significant effects or critical hazards.
Precautionary statements:
Prevention: Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.

Supplemental label elements: Contains Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkyl derivs. para-, calcium salts. May produce an allergic reaction. Safety data sheet available on request.

EU Regulation (EC) No. 1907/2006 (REACH)
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles
Not applicable.

Special packaging requirements
SECTION 2: Hazards identification

Containers to be fitted with child-resistant fastenings
Not applicable.

Tactile warning of danger
Not applicable.

2.3 Other hazards

Results of PBT and vPvB assessment
Product does not meet the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII.

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other hazards which do not result in classification
Defatting to the skin.
USED ENGINE OILS
Used engine oil may contain hazardous components which have the potential to cause skin cancer.
See Toxicological Information, section 11 of this Safety Data Sheet.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Product definition
Mixture

Highly refined base oil (IP 346 DMSO extract < 3%). Proprietary performance additives.

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Identifiers</th>
<th>%</th>
<th>Regulation (EC) No. 1272/2008 [CLP]</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light paraffinic</td>
<td>REACH #: 01-2119487077-29</td>
<td>≤5</td>
<td>Asp. Tox. 1, H304</td>
<td>[1]</td>
</tr>
<tr>
<td></td>
<td>EC: 265-158-7</td>
<td>CAS: 64742-55-8</td>
<td>Index: 649-468-00-3</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic</td>
<td>REACH #: 01-2119484627-25</td>
<td>≤3</td>
<td>Asp. Tox. 1, H304</td>
<td>[1]</td>
</tr>
<tr>
<td></td>
<td>EC: 265-157-1</td>
<td>CAS: 64742-54-7</td>
<td>Index: 649-467-00-8</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-dewaxed heavy paraffinic</td>
<td>REACH #: 01-2119471299-27</td>
<td>≤3</td>
<td>Asp. Tox. 1, H304</td>
<td>[1]</td>
</tr>
<tr>
<td></td>
<td>EC: 265-169-7</td>
<td>CAS: 64742-65-0</td>
<td>Index: 649-474-00-6</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-dewaxed light paraffinic</td>
<td>REACH #: 01-2119480132-48</td>
<td>≤3</td>
<td>Asp. Tox. 1, H304</td>
<td>[1]</td>
</tr>
<tr>
<td></td>
<td>EC: 265-159-2</td>
<td>CAS: 64742-56-9</td>
<td>Index: 649-469-00-9</td>
<td></td>
</tr>
</tbody>
</table>

See Section 16 for the full text of the H statements declared above.

Type

[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit
[5] Substance of equivalent concern
[6] Additional disclosure due to company policy

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses. Get medical attention.

Skin contact
Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

Inhalation
If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion
Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Product name: Castrol CRB Turbomax 15W-40 CI-4/SL/FE
Version: 1.01
Date of issue: 12 June 2020
Date of previous issue: 7 November 2019.

Product code: 469751-AE02
Page: 2/11
Format: South Africa
Language: ENGLISH
SECTION 4: First aid measures

Protection of first-aiders
No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed
See Section 11 for more detailed information on health effects and symptoms.

Potential acute health effects

Inhalation
Vapour inhalation under ambient conditions is not normally a problem due to low vapour pressure.

Ingestion
No known significant effects or critical hazards.

Skin contact
Defatting to the skin. May cause skin dryness and irritation.

Eye contact
No known significant effects or critical hazards.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Inhalation
Overexposure to the inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.

Ingestion
Ingestion of large quantities may cause nausea and diarrhoea.

Skin contact
Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

Eye contact
Potential risk of transient stinging or redness if accidental eye contact occurs.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician
Treatment should in general be symptomatic and directed to relieving any effects.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
In case of fire, use foam, dry chemical or carbon dioxide extinguisher or spray.

Unsuitable extinguishing media
Do not use water jet. The use of a water jet may cause the fire to spread by splashing the burning product.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products
Combustion products may include the following: carbon oxides (CO, CO₂) (carbon monoxide, carbon dioxide)

5.3 Advice for firefighters

Special precautions for fire-fighters
No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

Special protective equipment for fire-fighters
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill material. Floors may be slippery; use care to avoid falling. Put on appropriate personal protective equipment.

For emergency responders
If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions
Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

Small spill
Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Product name: Castrol CRB Turbomax 15W-40 CI-4/SL/E7
Product code: 469751-AE02
Version: 1.01
Date of issue: 12 June 2020
Date of previous issue: 7 November 2019.
Format: South Africa (South Africa)
Language: ENGLISH
SECTION 6: Accidental release measures

Large spill
Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections
See Section 1 for emergency contact information.
See Section 5 for firefighting measures.
See Section 8 for information on appropriate personal protective equipment.
See Section 12 for environmental precautions.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Protective measures
Put on appropriate personal protective equipment.

Advice on general occupational hygiene
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities
Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Keep away from heat and direct sunlight. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store and use only in equipment/containers designed for use with this product. Do not store in unlabelled containers.

7.3 Specific end use(s)
Recommendations
See section 1.2 and Exposure scenarios in annex, if applicable.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Occupational exposure limits
No exposure limit value known.

Whilst specific OELs for certain components may be shown in this section, other components may be present in any mist, vapour or dust produced. Therefore, the specific OELs may not be applicable to the product as a whole and are provided for guidance only.

Recommended monitoring procedures
If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Derived No Effect Level
No DNELs/DMELs available.

Predicted No Effect Concentration
No PNECs available.

8.2 Exposure controls
Appropriate engineering controls
Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.
All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained. Your supplier of personal protective equipment should be consulted for advice on selection and appropriate standards. For further information contact your national organisation for standards. The final choice of protective equipment will depend upon a risk assessment. It is important to ensure that all items of personal protective equipment are compatible.

Individual protection measures

Product name: Castrol CRB Turbomax 15W-40 CI-4/SL/E7
Product code: 469751-AE02
Version: 1.01
Date of issue: 12 June 2020
Date of previous issue: 7 November 2019.
Format: South Africa
Language: ENGLISH
### SECTION 8: Exposure controls/personal protection

<table>
<thead>
<tr>
<th><strong>Hand protection</strong></th>
<th><strong>Hygiene measures</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>In case of insufficient ventilation, wear suitable respiratory equipment. The correct choice of respiratory protection depends upon the chemicals being handled, the conditions of work and use, and the condition of the respiratory equipment. Safety procedures should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.</td>
<td>Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.</td>
</tr>
<tr>
<td><strong>General Information:</strong></td>
<td><strong>Respiratory protection</strong></td>
</tr>
<tr>
<td>Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. The correct choice of protective gloves depends upon the chemicals being handled, and the conditions of work and use. Most gloves provide protection for only a limited time before they must be discarded and replaced (even the best chemically resistant gloves will break down after repeated chemical exposures). Gloves should be chosen in consultation with the supplier / manufacturer and taking account of a full assessment of the working conditions.</td>
<td>In case of insufficient ventilation, wear suitable respiratory equipment. The correct choice of respiratory protection depends upon the chemicals being handled, the conditions of work and use, and the condition of the respiratory equipment. Safety procedures should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.</td>
</tr>
<tr>
<td><strong>Eye/face protection</strong></td>
<td><strong>Skin protection</strong></td>
</tr>
<tr>
<td>Safety glasses with side shields.</td>
<td><strong>Glove Thickness:</strong></td>
</tr>
<tr>
<td><strong>Recommended:</strong> Nitrile gloves.</td>
<td>For general applications, we recommend gloves with a thickness typically greater than 0.35 mm.</td>
</tr>
<tr>
<td><strong>Breakthrough time:</strong></td>
<td>It should be emphasised that glove thickness is not necessarily a good predictor of glove resistance to a specific chemical, as the permeation efficiency of the glove will be dependent on the exact composition of the glove material. Therefore, glove selection should also be based on consideration of the task requirements and knowledge of breakthrough times. Glove thickness may also vary depending on the glove manufacturer, the glove type and the glove model. Therefore, the manufacturers' technical data should always be taken into account to ensure selection of the most appropriate glove for the task.</td>
</tr>
<tr>
<td>Breakthrough time data are generated by glove manufacturers under laboratory test conditions and represent how long a glove can be expected to provide effective permeation resistance. It is important when following breakthrough time recommendations that actual workplace conditions are taken into account. Always consult with your glove supplier for up-to-date technical information on breakthrough times for the recommended glove type. Our recommendations on the selection of gloves are as follows:</td>
<td>Note: Depending on the activity being conducted, gloves of varying thickness may be required for specific tasks. For example:</td>
</tr>
<tr>
<td>Continuous contact:</td>
<td>• Thinner gloves (down to 0.1 mm or less) may be required where a high degree of manual dexterity is needed. However, these gloves are only likely to give short duration protection and would normally be just for single use applications, then disposed of.</td>
</tr>
<tr>
<td>Gloves with a minimum breakthrough time of 240 minutes, or &gt;480 minutes if suitable gloves can be obtained. If suitable gloves are not available to offer that level of protection, gloves with shorter breakthrough times may be acceptable as long as appropriate glove maintenance and replacement regimes are determined and adhered to.</td>
<td>• Thicker gloves (up to 3 mm or more) may be required where there is a mechanical (as well as a chemical) risk i.e. where there is abrasion or puncture potential.</td>
</tr>
</tbody>
</table>
**SECTION 8: Exposure controls/personal protection**

<table>
<thead>
<tr>
<th><strong>Skin and body</strong></th>
<th>Use of protective clothing is good industrial practice. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Cotton or polyester/cotton overalls will only provide protection against light superficial contamination that will not soak through to the skin. Overalls should be laundered on a regular basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Refer to standards:</strong></td>
<td>Respiratory protection: EN 529 Gloves: EN 420, EN 374 Eye protection: EN 166 Filtering half-mask: EN 149 Filtering half-mask with valve: EN 405 Half-mask: EN 140 plus filter Full-face mask: EN 136 plus filter Particulate filters: EN 143 Gas/combined filters: EN 14387</td>
</tr>
<tr>
<td><strong>Environmental exposure controls</strong></td>
<td>Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.</td>
</tr>
</tbody>
</table>

**SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th><strong>Appearance</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Colour</td>
<td>Amber. [Light]</td>
</tr>
<tr>
<td>Odour</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not available.</td>
</tr>
<tr>
<td>Pour point</td>
<td>-42 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>Closed cup: 204°C (399.2°F) [Pensky-Martens.] Open cup: &gt;210°C (&gt;410°F) [Cleveland.]</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Density</td>
<td>&lt;1000 kg/m³ (&lt;1 g/cm³) at 15°C</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Kinematic: 109.1 mm²/s (109.1 cSt) at 40°C Kinematic: 14.2 to 15.5 mm²/s (14.2 to 15.5 cSt) at 100°C</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not available.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

### 9.2 Other information

No additional information.
**SECTION 10: Stability and reactivity**

<table>
<thead>
<tr>
<th>10.1 Reactivity</th>
<th>No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.2 Chemical stability</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>10.3 Possibility of hazardous reactions</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur.</td>
</tr>
<tr>
<td>10.4 Conditions to avoid</td>
<td>Avoid all possible sources of ignition (spark or flame).</td>
</tr>
<tr>
<td>10.5 Incompatible materials</td>
<td>Reactive or incompatible with the following materials: oxidising materials.</td>
</tr>
<tr>
<td>10.6 Hazardous decomposition products</td>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
</tr>
</tbody>
</table>

**SECTION 11: Toxicological information**

<table>
<thead>
<tr>
<th>11.1 Information on toxicological effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity estimates</td>
</tr>
<tr>
<td>Information on likely routes of exposure</td>
</tr>
<tr>
<td>Potential acute health effects</td>
</tr>
<tr>
<td>Inhalation</td>
</tr>
<tr>
<td>Ingestion</td>
</tr>
<tr>
<td>Skin contact</td>
</tr>
<tr>
<td>Eye contact</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symptoms related to the physical, chemical and toxicological characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
</tr>
<tr>
<td>Ingestion</td>
</tr>
<tr>
<td>Skin contact</td>
</tr>
<tr>
<td>Eye contact</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Delayed and immediate effects as well as chronic effects from short and long-term exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
</tr>
<tr>
<td>Ingestion</td>
</tr>
<tr>
<td>Skin contact</td>
</tr>
<tr>
<td>Eye contact</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Potential chronic health effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
</tr>
<tr>
<td>Carcinogenicity</td>
</tr>
<tr>
<td>Mutagenicity</td>
</tr>
<tr>
<td>Developmental effects</td>
</tr>
<tr>
<td>Fertility effects</td>
</tr>
</tbody>
</table>

**SECTION 12: Ecological information**

<table>
<thead>
<tr>
<th>12.1 Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental hazards</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12.2 Persistence and degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expected to be biodegradable.</td>
</tr>
</tbody>
</table>
**SECTION 12: Ecological information**

**12.3 Bioaccumulative potential**  
This product is not expected to bioaccumulate through food chains in the environment.

**12.4 Mobility in soil**  
Soil/water partition coefficient (K_{OC})  
Not available.  
Mobility  
Spillages may penetrate the soil causing ground water contamination.

**12.5 Results of PBT and vPvB assessment**  
Product does not meet the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII.

**12.6 Other adverse effects**  
Other ecological information  
Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**  
**Product**  
Methods of disposal  
Where possible, arrange for product to be recycled. Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.  
Hazardous waste  
Yes.

**European waste catalogue (EWC)**  
<table>
<thead>
<tr>
<th>Waste code</th>
<th>Waste designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 02 05*</td>
<td>mineral-based non-chlorinated engine, gear and lubricating oils</td>
</tr>
</tbody>
</table>

However, deviation from the intended use and/or the presence of any potential contaminants may require an alternative waste disposal code to be assigned by the end user.

**Packaging**  
Methods of disposal  
Where possible, arrange for product to be recycled. Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.

**Special precautions**  
This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**References**  
Commission 2014/955/EU  
Directive 2008/98/EC

**SECTION 14: Transport information**

<table>
<thead>
<tr>
<th>14.1 UN number</th>
<th>ADR/RID</th>
<th>ADN</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
</table>

| 14.2 UN proper shipping name | - | - | - | - |
| 14.3 Transport hazard class(es) | - | - | - | - |
| 14.4 Packing group | - | - | - | - |
| 14.5 Environmental hazards | No. | No. | No. | No. |
| Additional information | - | - | - | - |

**14.6 Special precautions for user**  
Not available.

SECTION 14: Transport information

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

Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Other regulations

REACH Status

For the REACH status of this product please consult your company contact, as identified in Section 1.

United States inventory (TSCA 8b)

All components are active or exempted.

Australia inventory (AICS)

All components are listed or exempted.

Canada inventory

All components are listed or exempted.

China inventory (IECSC)

At least one component is not listed.

Japan inventory (ENCS)

At least one component is not listed.

Korea inventory (KECI)

All components are listed or exempted.

Philippines inventory (PICCS)

All components are listed or exempted.

Taiwan Chemical Substances Inventory (TCSI)

All components are listed or exempted.

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

EU - Water framework directive - Priority substances

None of the components are listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out for one or more of the substances within this mixture. A Chemical Safety Assessment has not been carried out for the mixture itself.

SECTION 16: Other information

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWG = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods

Product name: Castrol CRB Turbomax 15W-40 CI-4/SL/E7
Product code: 469751-AE02
Version: 1.01
Date of issue: 12 June 2020
Date of previous issue: 7 November 2019.
Format: South Africa (South Africa)
Language: ENGLISH
LogPow = logarithm of the octanol/water partition coefficient
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SADT = Self-Accelerating Decomposition Temperature
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVCB = Complex hydrocarbon substance
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>Asp. Tox. 1, H304</td>
<td>ASPIRATION HAZARD - Category 1</td>
</tr>
</tbody>
</table>

History

Date of issue/ Date of revision: 12/06/2020.
Date of previous issue: 07/11/2019.
Prepared by: Product Stewardship

Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from BP Group.

It is the user’s obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken. You can contact the BP Group to ensure that this document is the most current available. Alteration of this document is strictly prohibited.
<table>
<thead>
<tr>
<th>Product name</th>
<th>Castrol CRB Turbomax 15W-40 CI-4/SL/E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td>1.01</td>
</tr>
<tr>
<td>Date of issue</td>
<td>12 June 2020</td>
</tr>
<tr>
<td>Date of previous issue</td>
<td>7 November 2019.</td>
</tr>
<tr>
<td>Product code</td>
<td>469751-AE02</td>
</tr>
<tr>
<td>Format</td>
<td>South Africa (South Africa)</td>
</tr>
<tr>
<td>Language</td>
<td>ENGLISH</td>
</tr>
</tbody>
</table>