### **SAFETY DATA SHEET**



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

| Product name                     | TLX Xtra 303  |
|----------------------------------|---|
| Product code                     | 469846-ZA01   |
| SDS #                            | 469846  |
| Product type                     | Liquid.   |
| 1.2 Relevant identified uses     | of the substance or mixture and uses advised against  |
| Use of the substance/<br>mixture | Marine engine oil<br>For specific application advice see appropriate Technical Data Sheet or consult our company<br>representative. |
| 1.3 Details of the supplier of   | the safety data sheet   |
| Supplier                         | BP Southern Africa (Pty)Ltd<br>199 Oxford Road<br>Oxford Parks<br>Dunkeld, 2196<br>South Africa                                     |
| E-mail address                   | Product Technical Helpdesk: 0800 111 551<br>MSDSadvice@bp.com   |

## 1.4 Emergency telephone numberEMERGENCYTygerberg Poison Centre: 0861 555 777TELEPHONE NUMBERCarechem: +27 21 300 2732 (24/7)

#### **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture Product definition Mixture

Not classified.

**1.1 Product identifier** 

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.   |
| Hazardous ingredients                                  | Phenol, dodecyl-, branched  |
| Supplemental label elements                            | Contains C14-16-18 Alkyl phenol. May produce an allergic reaction.<br>Safety data sheet available on request.   |
| 2.3 Other hazards                                      |   |
| Other hazards which do<br>not result in classification | Defatting to the skin.<br>USED ENGINE OILS<br>Used engine oil may contain hazardous components which have the potential to cause skin<br>cancer.<br>See Toxicological Information, section 11 of this Safety Data Sheet.<br>May cause endocrine disruption. |

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| SECTION 3: Compos  | sition/informatio  | n on ingr                    | redients  |   |           |
|--|--|------------------------------|---|---|-----------|
| 3.2 Mixtures   |  |                              |   |   |           |
| Product definition   | Mixture  |                              |   |   |           |
| Highly refined base oil (IP 346  | DMSO extract < 3%). Pr   | oprietary per                | formance additives.   |   |           |
| Product/ingredient name  | Identifiers  | %                            | Classification  | Specific Conc.<br>Limits, M-factors<br>and ATEs | Туре      |
| C14-16-18 Alkyl phenol   | REACH #:   | ≤3                           | Skin Sens. 1B, H317   | -   | [1]       |
| Phenol, dodecyl-, branched   | 01-2119498288-19<br>REACH #:<br>01-2119513207-49<br>EC: 310-154-3<br>CAS: 121158-58-5<br>Index: 604-092-00-9 | <0.3                         | STOT RE 2, H373<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Repr. 1B, H360F<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 | M [Acute] = 10<br>M [Chronic] = 10              | [1] [2]   |
| [1] Substance classified with a<br>[2] Substance of equivalent co                  |  | hazard                       |   |   |           |
| SECTION 4: First aid   | measures   |                              |   |   |           |
| 4.1 Description of first aid m   | easures  |                              |   |   |           |
| Eye contact  | should be held away<br>contact lenses. Get   | from the eye<br>medical atte |   | g. Check for and remov                          |           |
| Skin contact   |  | ig and shoes                 | and water or use recognised sk<br>. Wash clothing before reuse.<br>itation develops.  |   | y before  |
| Inhalation   | If inhaled, remove to  | fresh air. G                 | et medical attention if symptom   | ns occur.                                       |           |
| Ingestion  | Do not induce vomiti<br>symptoms occur.  | ng unless dir                | ected to do so by medical pers  | sonnel. Get medical atte                        | ention if |
| Protection of first-aiders   | • •  | ken involving                | g any personal risk or without s  | uitable training.                               |           |
| See Section 11 for more deta<br><u>Potential acute health effect</u><br>Inhalation | <u>s</u>   |                              | symptoms.<br>conditions is not normally a pro   | oblem due to low vapou                          | r         |
| Ingestion  | No known significan  | t effects or cr              | itical hazards.   |   |           |
| Skin contact   | Defatting to the skin.   | May cause                    | skin dryness and irritation.  |   |           |
| Eye contact  | No known significan  | t effects or cr              | itical hazards.   |   |           |
| Delayed and immediate effect   | ts as well as chronic e  | ffects from s                | short and long-term exposure  | <u>e</u>  |           |
| Inhalation   | Overexposure to the i<br>respiratory tract.  | nhalation of a               | airborne droplets or aerosols m   | nay cause irritation of the                     | e         |
| Ingestion  | Ingestion of large qua   | ntities may c                | ause nausea and diarrhoea.  |   |           |
| Skin contact   | Prolonged or repeated  | d contact can                | defat the skin and lead to irritation   | ation and/or dermatitis.                        |           |
| Eye contact  | Potential risk of transi   | ent stinging o               | or redness if accidental eye co   | ntact occurs.                                   |           |
| 4.3 Indication of any immedia  | te medical attention an  | d special tre                | eatment needed  |   |           |
| Notes to physician   | Treatment should in g  | general be sy                | mptomatic and directed to relie   | eving any effects.                              |           |
| <b>SECTION 5: Firefight</b>  | ting measures  |                              |   |   |           |
| 5.1 Extinguishing media  |  |                              |   |   |           |
| Suitable extinguishing media   | In case of fire, use fo  | oam, dry che                 | mical or carbon dioxide extingu   | iisher or spray.                                |           |
| Unsuitable extinguishing media   | Do not use water jet<br>burning product.   | . The use of                 | a water jet may cause the fire  | to spread by splashing t                        | he        |
| 5.2 Special hazards arising fr<br>Hazards from the                                 |  |                              | ncrease will occur and the cont   | ainer may burst.                                |           |
| substance or mixture   | ,  |                              |   | -   |           |
| Hazardous combustion products  | Combustion product<br>carbon oxides (CO,<br>metal oxide/oxides   |                              | e the following:<br>ı monoxide, carbon dioxide)   |   |           |
| 5.3 Advice for firefighters  |  |                              |   |   |           |

#### 5.3 Advice for firefighters

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# 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, pro   | tective equipment and emergency procedures  |
|---------------------------------|---|
| For non-emergency<br>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 spilt 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 spilt material and runoff and contact with soil, waterways, drains and sewers.<br>Inform the relevant authorities if the product has caused environmental pollution (sewers,<br>waterways, soil or air).   |
| 6.3 Methods and material for o  | 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.  |
| 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.<br>See Section 5 for firefighting measures.<br>See Section 8 for information on appropriate personal protective equipment.<br>See Section 12 for environmental precautions.<br>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 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 occupational hygiene protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. 7.2 Conditions for safe Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away storage, including any 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 incompatibilities 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. Not suitable Prolonged exposure to elevated temperature 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

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

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|  | the determination of hazardous substances will also be required.   |
|--|--|
| Biological exposure indices                          |  |
| Product/ingredient                                   | name Exposure indices  |
| No exposure indices known.                           |  |
| Derived No Effect Level<br>No DNELs/DMELs available. |  |
| Predicted No Effect Concentra                        | ation  |
| No PNECs available                                   |  |
| 8.2 Exposure controls                                |  |
| Appropriate engineering<br>controls                  | Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.<br>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.<br>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.<br>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 measure                        |  |
| Hygiene measures                                     | 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.  |
| Respiratory protection                               | In case of insufficient ventilation, wear suitable respiratory equipment.<br>The correct choice of respiratory protection depends upon the chemicals being handled, the<br>conditions of work and use, and the condition of the respiratory equipment. Safety procedures<br>should be developed for each intended application. Respiratory protection equipment should<br>therefore be chosen in consultation with the supplier/manufacturer and with a full assessment<br>of the working conditions.  |
| Eye/face protection                                  | Safety glasses with side shields.  |
| Skin protection<br>Hand protection                   | General Information:   |
|  | 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.  |
|  | Recommended: Nitrile gloves. Breakthrough time:  |
|  | Breakthrough time data are generated by glove manufacturers under laboratory test conditions<br>and represent how long a glove can be expected to provide effective permeation resistance. It<br>is important when following breakthrough time recommendations that actual workplace<br>conditions are taken into account. Always consult with your glove supplier for up-to-date<br>technical information on breakthrough times for the recommended glove type.<br>Our recommendations on the selection of gloves are as follows:   |
|  | Continuous contact:  |
|  | Gloves with a minimum breakthrough time of 240 minutes, or >480 minutes if suitable gloves<br>can be obtained.<br>If suitable gloves are not available to offer that level of protection, gloves with shorter<br>breakthrough times may be acceptable as long as appropriate glove maintenance and<br>replacement regimes are determined and adhered to.   |
|  | Short-term / splash protection:  |
|  | Recommended breakthrough times as above.<br>It is recognised that for short-term, transient exposures, gloves with shorter breakthrough times<br>may commonly be used. Therefore, appropriate maintenance and replacement regimes must<br>be determined and rigorously followed.   |
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## **SECTION 8: Exposure controls/personal protection**

#### Glove Thickness:

For general applications, we recommend gloves with a thickness typically greater than 0.35 mm.

|                                 | For general applications, we recommend gloves with a thickness typically greater than 0.35 mm.  |
|---------------------------------|---|
|                                 | 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.   |
|                                 | Note: Depending on the activity being conducted, gloves of varying thickness may be required for specific tasks. For example:   |
|                                 | • 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.  |
|                                 | • 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.  |
| Skin and body                   | Use of protective clothing is good industrial practice.<br>Personal protective equipment for the body should be selected based on the task being<br>performed and the risks involved and should be approved by a specialist before handling this<br>product.<br>Cotton or polyester/cotton overalls will only provide protection against light superficial<br>contamination that will not soak through to the skin. Overalls should be laundered on a regular<br>basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a<br>risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots<br>will be required. |
| <u>Refer to standards:</u>      | Respiratory protection: EN 529<br>Gloves: EN 420, EN 374<br>Eye protection: EN 166<br>Filtering half-mask: EN 149<br>Filtering half-mask with valve: EN 405<br>Half-mask: EN 140 plus filter<br>Full-face mask: EN 136 plus filter<br>Particulate filters: EN 143<br>Gas/combined filters: EN 14387   |
| Environmental exposure controls | 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.  |
|                                 |   |

## **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

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

| Physical state                          | Liquid.   |
|---|---|
| Colour                                  | Amber.  |
| Odour                                   | Not available.  |
| Odour threshold                         | Not available.  |
| Melting point/freezing point            | Not available.  |
| Initial boiling point and boiling range | Not available.  |
| Flammability                            | Not available.  |
| Lower and upper explosion limit         | Not available.  |
| Flash point                             | Closed cup: >200°C (>392°F) [Pensky-Martens]  |
| Auto-ignition temperature               | Not available.  |
| Decomposition temperature               | Not available.  |
| рН                                      | Not applicable.   |
| Kinematic viscosity                     | Kinematic: 98.31 mm²/s (98.31 cSt) at 40°C<br>Kinematic: 11 to 12 mm²/s (11 to 12 cSt) at 100°C |

#### Solubility

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| <b>SECTION 9: Physical a</b>                          | nd chemical pro  | pert      | ies   | ;         |               |           |           |                      |
|---|--|-----------|-------|-----------|---------------|-----------|-----------|----------------------|
|   | Media  |           | Re    | sult      |               |           |           |                      |
|   | water  | 1         | Not   | soluble   |               |           |           |                      |
| Partition coefficient n-octanol/<br>water (log value) | Not applicable.  |           |       |           |               |           |           |                      |
| Vapour pressure                                       |  | Vap       | our   | Pressu    | re at 20°C    | Vapo      | our pres  | sure at 50°C         |
|   | Ingredient name  | mm ł      | i i   |           | Method        | mm<br>Hg  | kPa       | Method               |
|   | Distillates (petroleum),<br>hydrotreated heavy<br>paraffinic                       | <0.08     | <     | <0.011    | ASTM D 5191   |           |           |                      |
|   | Distillates (petroleum),<br>solvent-dewaxed<br>heavy paraffinic                    | <0.08     | <     | <0.011    | ASTM D 5191   |           |           |                      |
|   | Benzoic acid,<br>2-hydroxy-, mono-<br>C14-18-alkyl derivs.,<br>calcium salts (2:1) | 0.0000    | 065 0 | 0.0000087 | OECD 104      |           |           |                      |
| Density and/or Relative density                       | <1000 kg/m <sup>3</sup> (<1 g/   | cm³) at   | 20°   | °C        |               |           |           |                      |
| Relative vapour density                               | Not available.   |           |       |           |               |           |           |                      |
| Particle characteristics                              |  |           |       |           |               |           |           |                      |
| Median particle size                                  | Not applicable.  |           |       |           |               |           |           |                      |
| 9.2 Other information                                 |  |           |       |           |               |           |           |                      |
| Evaporation rate                                      | Not available.   |           |       |           |               |           |           |                      |
| Explosive properties                                  | Not available.   |           |       |           |               |           |           |                      |
| Oxidising properties                                  | Not available.   |           |       |           |               |           |           |                      |
| Pour point  | -13 °C   |           |       |           |               |           |           |                      |
| SECTION 10: Stability a                               | and reactivity   |           |       |           |               |           |           |                      |
| 10.1 Reactivity                                       | No specific test data av materials for additional                                  |           |       |           | duct. Refer   | to Cond   | itions to | avoid and Incompati  |
| 10.2 Chemical stability                               | The product is stable.   |           |       |           |               |           |           |                      |
| 10.3 Possibility of<br>hazardous reactions            | Under normal condition<br>Under normal condition                                   |           |       |           |               |           |           |                      |
| 10.4 Conditions to avoid                              | Avoid all possible source  | ces of i  | gniti | ion (spa  | rk or flame). |           |           |                      |
| 10.5 Incompatible materials                           | Reactive or incompatib   | le with   | the   | following | g materials:  | oxidisinę | g materia | als.                 |
| 10.6 Hazardous<br>decomposition products              | Under normal condition produced.   | is of sto | orag  | je and u  | se, hazardoi  | us decoi  | mpositio  | n products should no |

#### **SECTION 11: Toxicological information**

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity estimates

| Product/ingredient name | Oral (mg/<br>kg) | Dermal<br>(mg/kg) | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapours)<br>(mg/l) | Inhalation<br>(dusts<br>and mists)<br>(mg/l) |
|-------------------------|------------------|-------------------|--------------------------------|-----------------------------------|--|
| Long chain alkyl phenol | 2500             | N/A               | N/A                            | N/A                               | N/A  |

Information on likely routes of exposure

Routes of entry anticipated: Dermal, Inhalation, Eyes.

## Potential acute health effects

| r otoritiar adato fidaliti offodio |  |
|------------------------------------|--|
| 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.  |
| Symptoms related to the physical   | sical, chemical and toxicological characteristics  |

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## **SECTION 11: Toxicological information**

|                               | -  |
|-------------------------------|--|
| Ingestion                     | No specific data.  |
| Skin contact                  | Adverse symptoms may include the following:<br>irritation<br>dryness<br>cracking   |
| Eye contact                   | No specific data.  |
| Delayed and immediate effect  | cts 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.  |
| Potential chronic health effe | <u>cts</u>   |
| General                       | USED ENGINE OILS<br>Combustion products resulting from the operation of internal combustion engines contaminate<br>engine oils during use. Used engine oil may contain hazardous components which have the<br>potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used<br>engine oil must therefore be avoided and a high standard of personal hygiene maintained. |
| Carcinogenicity               | No known significant effects or critical hazards.  |
| Mutagenicity                  | No known significant effects or critical hazards.  |
| Developmental effects         | No known significant effects or critical hazards.  |
| Fertility effects             | No known significant effects or critical hazards.  |
|                               |  |

#### 11.2 Information on other hazards

11.2.2 Other information

Not available.

#### **SECTION 12: Ecological information**

12.1 Toxicity

Environmental hazards Not classified as dangerous

#### 12.2 Persistence and degradability

Expected to be biodegradable.

#### 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 (Koc) | 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.

| Other ecological information | Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired. |
|------------------------------|--|
| 12.7 Other adverse effects   | No known significant effects or critical hazards.  |

## **SECTION 13: Disposal considerations**

| 13.1 Waste treatment method | S   |
|-----------------------------|---|
| Product                     |   |
| Methods of disposal         | Where possible, arrange for product to be recycled. Dispose of via an authorised person/<br>licensed waste disposal contractor in accordance with local regulations.  |
| Hazardous waste             | Yes.  |
| Packaging                   |   |
| Methods of disposal         | Where possible, arrange for product to be recycled. Dispose of via an authorised person/<br>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. |
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| Manalan 4.04 Data dia an    |   |

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#### **SECTION 13: Disposal considerations**

Other information

References

At sea, used or unwanted product should be stored for eventual discharge into port approved waste oil disposal facilities. Commission 2014/955/EU Directive 2008/98/EC

#### **SECTION 14: Transport information**

|                                    | ADR/RID        | ADN            | IMDG           | IATA           |
|------------------------------------|----------------|----------------|----------------|----------------|
| 14.1 UN number<br>or ID number     | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| 14.2 UN proper<br>shipping name    | -              | -              | -              | -              |
| 14.3 Transport<br>hazard class(es) | -              | -              | -              | -              |
| 14.4 Packing<br>group              | -              | -              | -              | -              |
| 14.5<br>Environmental<br>hazards   | No.            | No.            | No.            | No.            |
| Additional information             | -              | -              | -              | -              |

14.6 Special precautions for Not available. user

14.7 Maritime transport in<br/>bulk according to IMO<br/>instrumentsNot available.

#### **SECTION 15: Regulatory information**

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Other regulations REACH Status For the REACH status of this product please consult your company contact, as identified in

| REAGIN Status                                     | Section 1.                             |
|---|--|
| United States inventory<br>(TSCA 8b)              | All components are active or exempted. |
| Australia inventory (AIIC)                        | All components are listed or exempted. |
| Canada inventory                                  | All components are listed or exempted. |
| China inventory (IECSC)                           | Not determined.                        |
| Japan inventory (CSCL)                            | All components are listed or exempted. |
| Korea inventory (KECI)                            | All components are listed or exempted. |
| Philippines inventory<br>(PICCS)                  | All components are listed or exempted. |
| Taiwan Chemical<br>Substances Inventory<br>(TCSI) | Not determined.                        |
|   |  |

| 15.2 Chemical safety | A Chemical Safety Assessment has been carried out for one or more of the substances within  |  |  |  |
|----------------------|---|--|--|--|
| assessment           | 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<br>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]                 |
|                            |  |

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

|                        | CSA - Chemical Safety Assessment  |
|------------------------|---|
|                        | 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   |
|                        | EWC = 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   |
|                        | LogPow = logarithm of the octanol/water partition coefficient                           |
|                        | MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as   |
|                        | modified by the Protocol of 1978. ("Marpol" = marine pollution)                         |
|                        | 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   |
|                        | Varies = may contain one or more of the following 64741-88-4 / RRN 01-2119488706-23,    |
|                        | 64741-89-5 / RRN 01-2119487067-30, 64741-95-3 / RRN 01-2119487081-40, 64741-96-4/ RRN   |
|                        | 01-2119483621-38, 64742-01-4 / RRN 01-2119488707-21, 64742-44-5 / RRN                   |
|                        | 01-2119985177-24, 64742-45-6, 64742-52-5 / RRN 01-2119467170-45, 64742-53-6 / RRN       |
|                        | 01-2119480375-34, 64742-54-7 / RRN 01-2119484627-25, 64742-55-8 / RRN                   |
|                        | 01-2119487077-29, 64742-56-9 / RRN 01-2119480132-48, 64742-57-0 / RRN                   |
|                        | 01-2119489287-22, 64742-58-1, 64742-62-7 / RRN 01-2119480472-38, 64742-63-8,            |
|                        | 64742-65-0 / RRN 01-2119471299-27, 64742-70-7 / RRN 01-2119487080-42, 72623-85-9 /      |
|                        | RRN 01-2119555262-43, 72623-86-0 / RRN 01-2119474878-16, 72623-87-1 / RRN               |
|                        | 01-2119474889-13  |
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|                        |   |

Prepared by Product Stewardship

Indicates information that has changed from previously issued version.

#### Notice to reader

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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.

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