



SAFETY DATA SHEET

TRIPLE R 10W-40 R-TEC 32

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

1.1. Product identifier

Product name TRIPLE R 10W-40 R-TEC 32
Product number KBP001, KBP005, KBP020, KBP199

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

1.3. Details of the supplier of the safety data sheet

Supplier TETROSYL LIMITED
Bury
Lancashire
England
BL9 7NY
0161 764 5981
0161 797 5899
info@tetrosyl.com

Manufacturer TETROSYL LIMITED
Bury
Lancashire
England
BL9 7NY
0161 764 5981
0161 797 5899
info@tetrosyl.com

1.4. Emergency telephone number

Emergency telephone +44 (0)161 764 5981

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Eye Irrit. 2 - H319
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word Warning

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| Hazard statements | <p>EUH208 Contains CALCIUM LONG CHAIN ALKARYL SULFONATE. May produce an allergic reaction.</p> <p>H319 Causes serious eye irritation.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p> |
| Precautionary statements | <p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P102 Keep out of reach of children.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |

2.3. Other hazards

Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | | |
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| DISTILLATES, HYDROTREATED HEAVY PARAFFINIC <3% DMSO EXTRACT (IP 346) 10-<30% | | | |
| <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CAS number: 64742-54-7</td> <td style="width: 33%;">EC number: 265-157-1</td> <td style="width: 33%;">REACH registration number: 01-2119484627-25-0000</td> </tr> </table> | CAS number: 64742-54-7 | EC number: 265-157-1 | REACH registration number: 01-2119484627-25-0000 |
| CAS number: 64742-54-7 | EC number: 265-157-1 | REACH registration number: 01-2119484627-25-0000 | |
| Classification Asp. Tox. 1 - H304 | | | |
| PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(SEC-BU AND 1,3-DIMETHYLBUTYL) ESTERS, ZINC SALTS 1-<2% | | | |
| <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CAS number: 68784-31-6</td> <td style="width: 33%;">EC number: 272-238-5</td> <td style="width: 33%;">REACH registration number: 01-2119657973-23-0000</td> </tr> </table> | CAS number: 68784-31-6 | EC number: 272-238-5 | REACH registration number: 01-2119657973-23-0000 |
| CAS number: 68784-31-6 | EC number: 272-238-5 | REACH registration number: 01-2119657973-23-0000 | |
| Classification Eye Dam. 1 - H318 Aquatic Chronic 2 - H411 | | | |
| CALCIUM LONG CHAIN ALKARYL SULFONATE 0.5-<1% | | | |
| <table style="width: 100%; border: none;"> <tr> <td style="width: 100%;">CAS number: 722503-68-6</td> </tr> </table> | CAS number: 722503-68-6 | | |
| CAS number: 722503-68-6 | | | |
| Classification Skin Sens. 1 - H317 Aquatic Chronic 4 - H413 | | | |

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| PHENOL, DODECYL-, BRANCHED | | 0.1-<0.3% |
| CAS number: 121158-58-5 | EC number: 310-154-3 | REACH registration number: 01-2119513207-49-0000 |
| M factor (Acute) = 10 | M factor (Chronic) = 10 | |
| Classification Skin Corr. 1C - H314 Eye Dam. 1 - H318 Repr. 1B - H360F Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | | |

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

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| General information | Get medical attention if any discomfort continues. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Effects may be delayed. Keep affected person under observation. Remove affected person from source of contamination. |
| Inhalation | If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. |
| Ingestion | Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if a large quantity has been ingested. Show this Safety Data Sheet to the medical personnel. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water. Get medical attention if any discomfort continues. |
| Eye contact | Get medical attention promptly if symptoms occur after washing. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Do not rub eye. |

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

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| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Effects may be delayed. Keep affected person under observation. |
| Inhalation | May cause an asthma-like shortness of breath. Vapours may cause headache, fatigue, dizziness and nausea. |
| Ingestion | May cause discomfort if swallowed. May cause stomach pain or vomiting. |
| Skin contact | Skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Blistering may occur. |
| Eye contact | Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain. May cause blurred vision and serious eye damage. |

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

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| Notes for the doctor | No specific recommendations. If in doubt, get medical attention promptly. |
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

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| Suitable extinguishing media | Foam, carbon dioxide or dry powder. Use fire-extinguishing media suitable for the surrounding fire. |
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5.2. Special hazards arising from the substance or mixture

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| Specific hazards | No unusual fire or explosion hazards noted. |
| Hazardous combustion products | Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. |

5.3. Advice for firefighters

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| Protective actions during firefighting | No specific firefighting precautions known. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| Personal precautions | For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces. Avoid contact with skin and eyes. |
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6.2. Environmental precautions

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| Environmental precautions | Avoid or minimise the creation of any environmental contamination. Do not discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13. |
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6.3. Methods and material for containment and cleaning up

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| Methods for cleaning up | Stop leak if possible without risk. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. |
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6.4. Reference to other sections

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| Reference to other sections | For personal protection, see Section 8. For waste disposal, see section 13. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Usage precautions | Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Avoid contact with skin and eyes. Do not handle broken packages without protective equipment. Do not eat, drink or smoke when using the product. Provide adequate ventilation. Avoid the formation of mists. |
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7.2. Conditions for safe storage, including any incompatibilities

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| Storage precautions | Keep containers upright. Store in tightly-closed, original container. |
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7.3. Specific end use(s)

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| Specific end use(s) | The identified uses for this product are detailed in Section 1.2. |
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SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

No exposure limits known for ingredient(s).

8.2. Exposure controls

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Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

When using do not eat, drink or smoke. Wash hands after contact. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash contaminated clothing before reuse. Promptly remove any clothing that becomes contaminated.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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| Appearance | Liquid. |
| Odour | Oil-like. |
| Melting point | Not determined. |
| Initial boiling point and range | >250°C |
| Flash point | 220°C |
| Evaporation rate | Not determined. |
| Upper/lower flammability or explosive limits | Not determined. |
| Vapour pressure | Not determined. |
| Vapour density | Not determined. |
| Relative density | 0.860g/cm ³ |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient | Not determined. |
| Auto-ignition temperature | Not determined. |
| Decomposition Temperature | Not determined. |
| Viscosity | 90 cSt @ 40°C |

9.2. Other information

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| Other information | None. |
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability No particular stability concerns.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid Alkali metals. No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute and chronic health hazards This product may cause skin and eye irritation.

SECTION 12: Ecological information

Ecotoxicity Dangerous for the environment if discharged into watercourses. The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish Not available.

Acute toxicity - aquatic invertebrates Not available.

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

Adsorption/desorption coefficient Not available.

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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Confirm disposal procedures with environmental engineer and local regulations.

SECTION 14: Transport information

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

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations EH40/2005 Workplace exposure limits.

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

TRIPLE R 10W-40 R-TEC 32**SECTION 16: Other information**

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| Revision comments | NOTE: Lines within the margin indicate significant changes from the previous revision. |
| Issued by | Health & Safety Department |
| Revision date | 16/12/2019 |
| Revision | 1 |
| SDS number | 33558 |
| SDS status | Approved. |
| Hazard statements in full | H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H360F May damage fertility. 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. H412 Harmful to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. EUH208 Contains CALCIUM LONG CHAIN ALKARYL SULFONATE. May produce an allergic reaction. |