



## SAFETY DATA SHEET CARLUBE MTF-94 MANUAL TRANSMISSION FLUID

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name                      CARLUBE MTF-94 MANUAL TRANSMISSION FLUID  
Product No.                        MTF941

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

Identified uses                      Transmission oil.

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

Supplier                              TETROSYL LIMITED  
   BEVIS GREEN WORKS  
   WALMERSLEY  
   BURY  
   BL9 6RE  
   0161 764 5981  
   0161 797 5899  
   info@tetrosyl.com

#### 1.4. Emergency telephone number

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (EC 1272/2008)

|                               |                 |
|-------------------------------|-----------------|
| Physical and Chemical Hazards | Not classified. |
| Human health                  | Not classified. |
| Environment                   | Not classified. |

Classification (1999/45/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

See section 11 for additional information on health hazards.

#### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No pictogram required.

Precautionary Statements

|      |   |
|------|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children.  |

#### 2.3. Other hazards

**CARLUBE MTF-94 MANUAL TRANSMISSION FLUID****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

|  |                                     |
|--|-------------------------------------|
| CALCIUM LONG CHAIN ALKARYL SULFONATE             | 1.0 - <3.0%                         |
| CAS-No.:   | EC No.: 272-213-9                   |
| Classification (EC 1272/2008)<br>Not classified. | Classification (67/548/EEC)<br>R53. |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

## General information

Remove affected person from source of contamination. Get medical attention if any discomfort continues.

## Inhalation

Get medical attention if any discomfort continues. Place unconscious person on the side in the recovery position and ensure breathing can take place.

## Ingestion

Consult a physician for specific advice.

## Skin contact

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues.

## Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues. Do not rub eye.

**4.2. Most important symptoms and effects, both acute and delayed****4.3. Indication of any immediate medical attention and special treatment needed**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. In doubt, GET MEDICAL ATTENTION PROMPTLY!

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

## Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

**5.2. Special hazards arising from the substance or mixture****5.3. Advice for firefighters**

## Special Fire Fighting Procedures

No specific fire fighting procedure given.

## Protective equipment for fire-fighters

Leave danger zone immediately.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.

**CARLUBE MTF-94 MANUAL TRANSMISSION FLUID****6.2. Environmental precautions**

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

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

For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Absorb spillage with non-combustible, absorbent material. Ventilate well. Prevent discharge of larger quantity to drain.

**6.4. Reference to other sections****SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

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

Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Store in tightly closed original container in a dry, cool and well-ventilated place.

**7.3. Specific end use(s)****SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****8.2. Exposure controls**

Protective equipment



Process conditions

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

Engineering measures

Observe occupational exposure limits and minimize the risk of inhalation of vapours.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

Goggles/face shield are recommended.

Other Protection

Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene measures

Wash contaminated clothing before reuse. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**CARLUBE MTF-94 MANUAL TRANSMISSION FLUID****9.1. Information on basic physical and chemical properties**

|  |  |
|--|--|
| Appearance                                   | Liquid                                       |
| Colour                                       | Light (or pale). to Brown.                   |
| Odour  | Petroleum.                                   |
| Solubility                                   | Insoluble in water Soluble in: Hydrocarbons. |
| Initial boiling point and boiling range (°C) | >315°C                                       |
| Melting point (°C)                           |  |
| Scientifically unjustified.                  |  |
| Relative density                             | 0.886 15°C                                   |
| Vapour density (air=1)                       | >1   |
| Vapour pressure                              | <0.01 mm Hg 37.8°C                           |
| Evaporation rate                             |  |
| Scientifically unjustified.                  |  |
| pH-Value, Conc. Solution                     |  |
| Scientifically unjustified.                  |  |
| Viscosity                                    | 53mm <sup>2</sup> /s @ 40°C                  |
| Decomposition temperature (°C)               |  |
| Scientifically unjustified.                  |  |
| Odour Threshold, Lower                       |  |
| Scientifically unjustified.                  |  |
| Odour Threshold, Upper                       |  |
| Scientifically unjustified.                  |  |
| Flash point (°C)                             | 208°C  |
| Auto Ignition Temperature (°C)               |  |
| Scientifically unjustified.                  |  |
| Flammability Limit - Lower(%)                |  |
| Scientifically unjustified.                  |  |
| Flammability Limit - Upper(%)                |  |
| Scientifically unjustified.                  |  |
| Partition Coefficient (N-Octanol/Water)      |  |
| Scientifically unjustified.                  |  |
| Explosive properties                         |  |
| Scientifically unjustified.                  |  |
| Oxidising properties                         |  |
| Not determined.                              |  |

**9.2. Other information****SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity****10.2. Chemical stability**

No particular stability concerns.

**10.3. Possibility of hazardous reactions****10.4. Conditions to avoid****10.5. Incompatible materials**

Materials To Avoid

Strong acids. Strong oxidising substances.

**CARLUBE MTF-94 MANUAL TRANSMISSION FLUID****10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Inhalation**

No specific health warnings noted.

**Ingestion**

May cause discomfort if swallowed. No harmful effects expected in amounts likely to be ingested by accident.

**Skin contact**

Prolonged and frequent contact may cause redness and irritation.

**Eye contact**

May cause temporary eye irritation.

**Health Warnings**

This chemical can be hazardous when inhaled and/or touched.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

Not regarded as dangerous for the environment.

**12.1. Toxicity****12.2. Persistence and degradability****Degradability**

This product is expected to be not readily biodegradable.

**12.3. Bioaccumulative potential****Partition coefficient**

Scientifically unjustified.

**12.4. Mobility in soil****Mobility:**

The product is insoluble in water.

**12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****SECTION 13: DISPOSAL CONSIDERATIONS****General information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Absorb spillage with non-combustible, absorbent material.

**SECTION 14: TRANSPORT INFORMATION**

**CARLUBE MTF-94 MANUAL TRANSMISSION FLUID**

General The product is not covered by international regulation 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)**

Transport Labels

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 MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**15.2. Chemical Safety Assessment****SECTION 16: OTHER INFORMATION**

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 22/09/2014

Revision 3

Supersedes date 08/04/2013 v2

Risk Phrases In Full

R53 May cause long-term adverse effects in the aquatic environment.

NC Not classified.

## CARLUBE MTF-94 MANUAL TRANSMISSION FLUID

### Disclaimer

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.