



## SAFETY DATA SHEET CARLUBE EP80W/90 GEAR OIL

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME CARLUBE EP80W/90 GEAR OIL  
PRODUCT NO. GFJ010, NEY011, SFD116, XEY011, XEY455, XEY501, YFK025, GFJ455  
INTERNAL ID A  
APPLICATION Engine oil.  
SUPPLIER TETROSYL LIMITED  
BEVIS GREEN WORKS  
WALMERSLEY  
BURY  
BL9 6RE  
0161 764 5981  
0161 797 5899  
info@tetrosyl.com

### 2 HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45) R52/53.

#### HUMAN HEALTH

See section 11 for additional information on health hazards.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
DODECYL METHACRYLATE		142-90-5	<0.5	Xi;R36/37/38. N;R50/53.
LONG CHAIN ALKYL AMINE			<0.5	T;R23/24. Xn;R22,R48/20. C;R34. N;R50/53.

The Full Text for all R-Phrases is Displayed in Section 16

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

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

#### NOTES TO THE PHYSICIAN

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

#### INHALATION

Get medical attention if any discomfort continues.

#### 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.

#### EYE CONTACT

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

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### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

#### PROTECTIVE MEASURES IN FIRE

Leave danger zone immediately.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

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

#### ENVIRONMENTAL PRECAUTIONS

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

#### SPILL CLEAN UP METHODS

For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb spillage with non-combustible, absorbent material.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

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.

#### STORAGE PRECAUTIONS

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.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT



#### PROCESS CONDITIONS

Use engineering controls to reduce air contamination to permissible exposure level.

#### 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 suitable protective clothing as protection against splashing or contamination.

#### HYGIENE MEASURES

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

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid.
COLOUR	Brown.
ODOUR	Characteristic.
BOILING POINT (°C)	>250°C
RELATIVE DENSITY	0.895
FLASH POINT (°C)	225°C

### 10 STABILITY AND REACTIVITY

#### STABILITY

No particular stability concerns.

### 11 TOXICOLOGICAL INFORMATION

#### HEALTH WARNINGS

Because of quantity and composition, the health hazard is small.

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

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

#### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point.

### 14 TRANSPORT INFORMATION

#### GENERAL

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

### 15 REGULATORY INFORMATION

#### RISK PHRASES

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### SAFETY PHRASES

S2 Keep out of the reach of children.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S56 Dispose of this material and its container to hazardous or special waste collection point.

#### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

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### EU DIRECTIVES

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.

### 16 OTHER INFORMATION

#### GENERAL INFORMATION

Only trained personnel should use this material.

#### REVISION COMMENTS

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

#### ISSUED BY

Health & Safety Department

REVISION DATE 13/07/2011

REV. NO./REPL. SDS 7

#### GENERATED

#### SAFETY DATA SHEET STATUS

Redundant.

#### RISK PHRASES IN FULL

R34 Causes burns.

R22 Harmful if swallowed.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R36/37/38 Irritating to eyes, respiratory system and skin.

R23/24 Toxic by inhalation and in contact with skin.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 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.