SAFETY DATA SHEET
15W/40 DIESEL OIL

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

1.1. Product identifier
Product name 15W/40 DIESEL OIL
Product No. BDO004, DRI001, DRI005, DRI025, DRI199, DRJ001, DRJ005, DRJ025, DRJ199, GFG010, GFG025, GFG050, GFG199, MAC306, MAC309, MAC934, MAC935, NDP011, SFD114, XDP010, XDP050, XDP100, XDP500, XPP010, XPP050, XRP001, XRP004, YFA020, YFA025, YFA199, YFH020, YFH025, YFH199, XDP455

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

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

1.4. Emergency telephone number
0161 764 5981

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Human health
See section 11 for additional information on health hazards.

2.2. Label elements
Risk Phrases NC Not classified.
Safety Phrases S2 Keep out of the reach of children.
S46 If swallowed, seek medical advice immediately and show this container or label.
2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th>ZINC DIALKYLDITHIOPHOSPHATE</th>
<th>&lt;1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.: 68649-42-3</td>
<td>EC No.: 272-028-3</td>
</tr>
</tbody>
</table>

Classification (EC 1272/2008)
- Skin Irrit. 2 - H315
- Eye Dam. 1 - H318
- Aquatic Chronic 2 - H411

Classification (67/548/EEC)
- Xi;R38,R41.
- N;R51/53.

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.
- 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.

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

General information
- The severity of the symptoms described will vary dependant of the concentration and the length of exposure.
- NOTE! 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. May cause nausea, headache, dizziness and intoxication.
- Skin contact
  - Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping. Allergic rash.
- Eye contact
  - May cause temporary eye irritation.

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. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
15W/40 DIESEL OIL

Extinguishing media
Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
During fire, toxic gases (CO, CO2) are formed.
Unusual Fire & Explosion Hazards
No unusual fire or explosion hazards noted.
Specific hazards
Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

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.

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. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Avoid forming spray/aerosol mists. Provide good ventilation. Avoid contact with skin and eyes. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

7.2. Conditions for safe storage, including any incompatibilities

Keep upright. Store in tightly closed original container.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

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.

Engineering measures
Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory equipment
No specific recommendations.

Hand protection
Protective gloves should be used if there is a risk of direct contact or splash. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Eye protection
Wear approved, tight fitting safety glasses where splashing is probable.

Other Protection
Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures
Wash contaminated clothing before reuse. Wash promptly with soap & water if skin becomes contaminated.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear liquid.</td>
</tr>
<tr>
<td>Colour</td>
<td>Brown.</td>
</tr>
<tr>
<td>Odour</td>
<td>Oil smell.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>&gt;250°C</td>
</tr>
<tr>
<td>Melting point (°C)</td>
<td>Scientifically unjustified.</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.884</td>
</tr>
<tr>
<td>Vapour density (air=1)</td>
<td>Scientifically unjustified.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Scientifically unjustified.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Scientifically unjustified.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>100 cSt 40°C</td>
</tr>
<tr>
<td>Decomposition temperature (°C)</td>
<td>Scientifically unjustified.</td>
</tr>
<tr>
<td>Odour Threshold, Lower</td>
<td>Scientifically unjustified.</td>
</tr>
<tr>
<td>Odour Threshold, Upper</td>
<td>Scientifically unjustified.</td>
</tr>
<tr>
<td>Flash point</td>
<td>215</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
<td>Scientifically unjustified.</td>
</tr>
</tbody>
</table>

Scientifically unjustified.
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Partition Coefficient
(N-Octanol/Water)
Scientifically unjustified.
Oxidising properties
Not available.

9.2. Other information
None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No specific reactivity hazards associated with this product.

10.2. Chemical stability
No particular stability concerns.

10.3. Possibility of hazardous reactions
Not applicable.

10.4. Conditions to avoid
No specific conditions are likely to result in a hazardous situation.

10.5. Incompatible materials
Materials To Avoid
No incompatible groups noted.

10.6. Hazardous decomposition products
None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50
>2000 mg/kg (oral rat)

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

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Not regarded as dangerous for the environment.

12.1. Toxicity
Acute Toxicity - Fish
Not available.
Acute Toxicity - Aquatic Invertebrates
Not available.

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

12.3. Bioaccumulative potential
Bioaccumulative potential
No data available on bioaccumulation.
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12.4. Mobility in soil

Adsorption/Desorption Coefficient

Not available.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Not available.

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 in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point.

SECTION 14: TRANSPORT INFORMATION

General

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

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

ADR Label No.

0

Transport Labels

No transport warning sign required.

14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
EU Legislation


15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 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.
Revision Date 26/09/2012
Revision 15
Supersedes date 13/06/2012 V14
Safety Data Sheet Status Approved.

Risk Phrases In Full
R38 Irritating to skin.
NC Not classified.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full
H318 Causes serious eye damage.
H315 Causes skin irritation.
H411 Toxic to aquatic life with long lasting effects.

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.