



## SAFETY DATA SHEET DIESEL TREATMENT

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

#### 1.1. Product identifier

Product name DIESEL TREATMENT  
Product No. ADT100, AFD301, CTD302, QPD300, RPD300, SDT300, QWC112, SPD301

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

Identified uses Fuel additive.

#### 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

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Asp. Tox. 1 - H304
Environment	Aquatic Chronic 3 - H412

Classification (1999/45/EEC) Xn;R65. R52/53.

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

#### 2.2. Label elements

Contains DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED

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Detergent Labelling:

&gt;= 30%

Aliphatic hydrocarbons

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



Signal Word

Danger

Hazard Statements

H304

May be fatal if swallowed and enters airways.

H412

Harmful to aquatic life with long lasting effects.

Precautionary Statements

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P273

Avoid release to the environment.

P301+310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331

Do NOT induce vomiting.

P405

Store locked up.

P501

Dispose of contents/container in accordance with local regulations.

**2.3. Other hazards**

This product does not contain any PBT or vPvB substances.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

1,2,4-TRIMETHYLBENZENE	0.0001 - <0.1%
CAS-No.: 95-63-6	EC No.: 202-436-9
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R10 Xn;R20 Xi;R36/37/38 N;R51/53
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED	75.0-100%
CAS-No.: 64742-47-8	EC No.: 265-149-8
Classification (EC 1272/2008) Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65

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NAPHTHALENE		0.1 - <0.3%
CAS-No.: 91-20-3	EC No.: 202-049-5	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 - H302	Carc. Cat. 3;R40	
Carc. 2 - H351	Xn;R22	
Aquatic Acute 1 - H400	N;R50/53	
Aquatic Chronic 1 - H410		
PETROLEUM NAPHTHA		1.0 - <3.0%
CAS-No.: 64742-94-5	EC No.: 265-198-5	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Irrit. 2 - H315	Xn;R65.	
Eye Irrit. 2 - H319	Xi;R36/38.	
Asp. Tox. 1 - H304	N;R51/53.	
Aquatic Chronic 2 - H411		

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. Keep the affected person warm and at rest. Get prompt medical attention.

###### Inhalation

Get medical attention if any discomfort continues. Move injured person into fresh air immediately. Call an ambulance. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure. Bring these instructions.

###### Ingestion

Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (100-150 ml for an adult person): Take to hospital along with these instructions.

###### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water. Get medical attention if irritation persists after washing.

###### 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. Get medical attention promptly if symptoms occur after washing.

##### **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

No specific symptoms noted.

###### Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

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### Skin contact

Skin irritation. Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping. Blistering may occur.

### Eye contact

Irritating and may cause redness and pain. May cause blurred vision and serious eye damage.

### **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**

#### Extinguishing media

Use: Foam, carbon dioxide or dry powder. Water. Use fire-extinguishing media appropriate for surrounding materials.

### **5.2. Special hazards arising from the substance or mixture**

#### Hazardous combustion products

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

#### Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

#### Specific hazards

No specific precautions due to the small quantities handled.

### **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. Avoid contact with eyes and prolonged skin contact. Provide adequate ventilation. Avoid inhalation of spray mist and contact with skin and eyes.

### **6.2. Environmental precautions**

Avoid discharge into water courses or onto the ground. 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**

Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Collect with absorbent, non-combustible material into suitable containers.

### **6.4. Reference to other sections**

For personal protection, see section 8. For waste disposal, see 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. Avoid eating, drinking and smoking when using the product. Avoid contact with skin and eyes. Do not handle broken packages without protective equipment.

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

Keep upright. Store in tightly closed original container. Keep away from heat, sparks and open flame.

**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**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
1,2,4-TRIMETHYLBENZENE	WEL	25 ppm	125 mg/m <sup>3</sup>			
NAPHTHALENE		10	53	15	80	

WEL = Workplace Exposure Limit.

**8.2. Exposure controls**

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of spray.

Respiratory equipment

In case of inadequate ventilation use suitable respirator.

Hand protection

Use suitable protective gloves if risk of skin contact. 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 appropriate clothing to prevent any possibility of skin contact. Provide eyewash station.

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**

Appearance	Clear Oily Liquid
Colour	Straw.
Odour	of solvents
Solubility	Insoluble in water
Initial boiling point and boiling range (°C)	175°C
Melting point (°C)	Not determined.
Relative density	0.800 g/cm <sup>3</sup> 20
Vapour density (air=1)	Not determined.

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Vapour pressure  
Not determined.  
Evaporation rate  
Not determined.  
Viscosity <50 cP 20  
Decomposition temperature (°C)  
Not determined.  
Odour Threshold, Lower  
Not determined.  
Odour Threshold, Upper  
Not determined.  
Flash point (°C) >55°C  
Auto Ignition Temperature (°C)  
Not determined.  
Flammability Limit - Lower(%)  
Not determined.  
Flammability Limit - Upper(%)  
Not determined.  
Partition Coefficient  
(N-Octanol/Water)  
Not determined.  
Oxidising properties  
Not available.

**9.2. Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

Reacts strongly with alkaline metals and metal powder.

**10.2. Chemical stability**

No particular stability concerns.

**10.3. Possibility of hazardous reactions**

Not applicable.

**10.4. Conditions to avoid**

Avoid exposing to heat and contact with strong oxidising substances.

**10.5. Incompatible materials**

Materials To Avoid  
Strong oxidising substances.

**10.6. Hazardous decomposition products**

None under normal conditions.

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

Toxic Dose 1 - LD 50  
>5000 (Kerosene Odourless) mg/kg (oral rat)  
Toxic Dose 2 - LD 50  
2000 (kerosene odourless) mg/kg (oral-rbt)

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Toxic Conc. - LC 50

&gt;5.3 (Kerosene Odourless) mg/l/4h (inh-rat)

Acute toxicity:

KEROSENE

## Inhalation

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

## Medical Considerations

Risk of chemical pneumonia after aspiration.

**SECTION 12: ECOLOGICAL INFORMATION**

## Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**12.1. Toxicity**

LC 50, 96 Hrs, Fish mg/l 2-5

Acute Toxicity - Fish

Not available.

EC 50, 48 Hrs, Daphnia, mg/l 1.4

Acute Toxicity - Aquatic Invertebrates

Not available.

IC 50, 72 Hrs, Algae, mg/l 1-3

**12.2. Persistence and degradability**

## Degradability

The product is expected to be biodegradable.

**12.3. Bioaccumulative potential**

## Bioaccumulative potential

No data available on bioaccumulation.

## Partition coefficient

Not determined.

**12.4. Mobility in soil**

## Mobility:

The product is insoluble in water and will spread on the water surface.

## 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 applicable.

**SECTION 13: DISPOSAL CONSIDERATIONS**

## General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**13.1. Waste treatment methods**

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Dispose of waste and residues in accordance with local authority requirements. Confirm disposal procedures with environmental engineer and local regulations.

**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**

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**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION****Revision Comments**

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

Revision Date 19/02/2014  
Revision 9  
Supersedes date 04/12/2013 v8  
Safety Data Sheet Status Approved.



**DIESEL TREATMENT**

## Risk Phrases In Full

R10	Flammable
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H412	Harmful to aquatic life with long lasting effects.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H411	Toxic to aquatic life with long lasting effects.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.