



## 1 . Identification of the substance/preparation and company/undertaking

Product name	<b>Energol DS3 153</b>
SDS no.	401685
Use of the substance/preparation	Diesel engine oil. For specific application advice see appropriate Technical Data Sheet or consult our company representative.
Supplier	BP Fiji Level 7, Vanua House PO Box 118 Suva Fiji Phone +679 3311 622
EMERGENCY TELEPHONE NUMBER	+61 2801 44558
E-mail address	MSDSadvice@bp.com

## 2 . Hazards identification

This preparation is not classified as dangerous according to Directive 1999/45/EC as amended and adapted.

Additional hazards	USED ENGINE OILS Used engine oil may contain hazardous components which have the potential to cause skin cancer. See Toxicological Information, section 11 of this Safety Data Sheet.
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See sections 11 and 12 for more detailed information on health effects and symptoms and environmental hazards.

## 3 . Composition/information on ingredients

Highly refined base oil (IP 346 DMSO extract < 3%). Proprietary performance additives.

**This product does not contain any hazardous ingredients at or above regulated thresholds.**

## 4 . First-aid measures

Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately.
Notes to physician	Treatment should in general be symptomatic and directed to relieving any effects.

## 5 . Fire-fighting measures

Extinguishing media	
Suitable	In case of fire, use water fog, foam, dry chemical or carbon dioxide extinguisher or spray.
Not suitable	Do not use water jet.
Hazardous decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
Unusual fire/explosion hazards	This material is not explosive as defined by established regulatory criteria.
Special fire-fighting procedures	None identified.
Protection of fire-fighters	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Product name Energol DS3 153

Product code 401685-SG01

Page: 1/4

Date of issue 6 December 2010

Format Rest of World

Language ENGLISH

(Rest of World)

( ENGLISH )

## 6 . Accidental release measures

<b>Personal precautions</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see section 8).
<b>Environmental precautions</b>	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
<b>Large spill</b>	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.
<b>Small spill</b>	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## 7 . Handling and storage

<b>Handling</b>	Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area.
<b>Not suitable</b>	Prolonged exposure to elevated temperature

## 8 . Exposure controls/personal protection

<b>Occupational exposure limits</b>	This product does not have any assigned OELs.
<b>Exposure controls</b>	
<b>Occupational exposure controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.
<b>Hygiene measures</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	None required. However, use of adequate ventilation is good industrial practice.
<b>Hand protection</b>	None required; however, use of gloves is good industrial practice.
<b>Eye protection</b>	Safety glasses with side shields.
<b>Skin and body</b>	None required; however, use of protective clothing is good industrial practice.

## 9 . Physical and chemical properties

### General information

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Colour</b>	Amber. Clear Bright

### Important health, safety and environmental information

<b>Flash point</b>	Closed cup: 214°C (417.2°F) [Pensky-Martens.]
<b>Viscosity</b>	Kinematic: 101.31 mm²/s (101.31 cSt) at 40°C Kinematic: 11.53 mm²/s (11.53 cSt) at 100°C
<b>Pour point</b>	-15 °C
<b>Density</b>	896.5 kg/m³ (0.897 g/cm³) at 15°C
<b>Solubility</b>	insoluble in water.
<b>Partition coefficient (LogKow)</b>	>3

## 10 . Stability and reactivity

<b>Stability</b>	The product is stable.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	No specific data.
<b>Materials to avoid</b>	Reactive or incompatible with the following materials: oxidizing materials.
<b>Hazardous decomposition products</b>	Combustion products may include the following: carbon oxides nitrogen oxides  Under normal conditions of storage and use, hazardous decomposition products should not be produced.

<b>Product name</b>	Energol DS3 153	<b>Product code</b>	401685-SG01	<b>Page:</b>	2/4
<b>Date of issue</b>	6 December 2010	<b>Format</b>	Rest of World (Rest of World)	<b>Language</b>	ENGLISH ( ENGLISH )

## 11 . Toxicological information

### Chronic toxicity

#### Chronic effects

Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

#### Other chronic toxicity data

##### USED ENGINE OILS

Combustion products resulting from the operation of internal combustion engines contaminate engine oils during use. Used engine oil may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used engine oil must therefore be avoided and a high standard of personal hygiene maintained.

### Effects and symptoms

#### Eyes

No significant health hazards identified.

#### Skin

No significant health hazards identified.

#### Inhalation

No significant health hazards identified.

#### Ingestion

No significant health hazards identified.

## 12 . Ecological information

### Persistence/degradability

Inherently biodegradable

### Mobility

Spillages may penetrate the soil causing ground water contamination.

### Bioaccumulative potential

This product is not expected to bioaccumulate through food chains in the environment.

### Environmental hazards

Not classified as dangerous.

### Other ecological information

Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

## 13 . Disposal considerations

### Disposal considerations / Waste information

The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.

## 14 . Transport information

Not classified as hazardous for transport (ADR/RID, ADN, IMDG, ICAO/IATA)

## 15 . Regulatory information

### Label requirements

#### Risk phrases

This product is not classified according to EU legislation.

#### Other regulations

##### Europe inventory

All components are listed or exempted.

##### United States inventory (TSCA 8b)

All components are listed or exempted.

##### Australia inventory (AICS)

All components are listed or exempted.

##### Canada inventory

All components are listed or exempted.

##### China inventory (IECSC)

All components are listed or exempted.

##### Japan inventory (ENCS)

All components are listed or exempted.

##### Korea inventory (KECI)

All components are listed or exempted.

##### Philippines inventory (PICCS)

All components are listed or exempted.

**Product name** Energol DS3 153

**Product code** 401685-SG01

**Page:** 3/4

**Date of issue** 6 December 2010

**Format** Rest of World

**Language** ENGLISH

(Rest of World)

( ENGLISH )

## 16 . Other information

### History

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**Date of previous issue** No previous validation.

**Prepared by** Product Stewardship

### Notice to reader

✔ Indicates information that has changed from previously issued version.

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from us.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken.

**Product name** Energol DS3 153

**Product code** 401685-SG01

**Page:** 4/4

**Date of issue** 6 December 2010

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( ENGLISH )