



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

<b>Product name</b>	<b>Brayco 885</b>
<b>SDS #</b>	0000001481
<b>Product use</b>	Lubricant Corrosion preventative. For specific application advice see appropriate Technical Data Sheet or consult our company representative.
<b>Supplier</b>	BP Southern Africa (Pty) Ltd 10 Junction Road Parktown Johannesburg South Africa
<b>EMERGENCY TELEPHONE NUMBER</b>	+27 11 488 5111

## 2. Composition/information on ingredients

Synthetic base stock. Proprietary performance additives. Barium <1%

Chemical name	CAS no.	%	EINECS / ELINCS.	Classification
Barium sulphonate	Not available.	1 - 5		Xn; R20/22 Xi; R36/38

See section 16 for the full text of the R Phrases declared above

Occupational Exposure Limit(s), if available, are listed in Section 8

## 3. Hazards identification

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

<b>Physical/chemical hazards</b>	Not classified as dangerous.
<b>Human health hazards</b>	Not classified as dangerous.
<b>Environmental hazards</b>	Unlikely to be harmful to aquatic organisms.
<b>Effects and symptoms</b>	
<b>Eyes</b>	No significant health hazards identified.
<b>Skin</b>	No significant health hazards identified.
<b>Inhalation</b>	No significant health hazards identified.
<b>Ingestion</b>	No significant health hazards identified.

## 4. First aid measures

<b>Eye Contact</b>	In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.
<b>Skin contact</b>	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.
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
<b>Ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
<b>Notes to physician</b>	Treatment should in general be symptomatic and directed to relieving any effects.

## 5. Fire-fighting measures

<b>Extinguishing Media</b>	
<b>Suitable</b>	In case of fire, use water fog, foam, dry chemical or carbon dioxide extinguisher or spray. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
<b>Not Suitable</b>	Do not use water jet.
<b>Hazardous decomposition products</b>	These products are carbon oxides (CO, CO <sub>2</sub> ), sulphur oxides (SO <sub>2</sub> , SO <sub>3</sub> , etc.), nitrogen oxides (NO, NO <sub>2</sub> ...).

**Product Name** Brayco 885

**Product code** 0000001481

Page: 1/4

**Version** 1

**Date of issue** 15 July 2004

**Format** South Africa

**Language**

Build 1.1.2

( South Africa )

( ENGLISH )

<b>Unusual fire/explosion Hazards</b>	None identified.
<b>Protection of fire-fighters</b>	Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

## 6. Accidental release measures

<b>Personal Precautions</b>	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).
<b>Environmental precautions and clean-up methods</b>	If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information.
<b>Personal protection in case of a large spill</b>	Splash goggles. Full suit. Boots. Gloves.

## 7. Handling and storage

<b>Handling</b>	Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Do not spray on a naked flame or any incandescent material.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area.

## 8. Exposure controls/personal protection

<b>Occupational Exposure Limits</b>	This product does not have any assigned OELs.
<b>Control Measures</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Hygiene measures</b>	Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
<b>Personal protective equipment</b>	
<b>Respiratory system</b>	None required; however, use of adequate ventilation is good industrial practice.
<b>Skin and body</b>	None required; however, use of protective clothing is good industrial practice.
<b>Hands</b>	None required; however, use of gloves is good industrial practice.
<b>Eyes</b>	Safety glasses with side shields.
<b>Personal protective equipment (Pictograms)</b>	



## 9. Physical and chemical properties

<b>Flash point</b>	225 °C (Open cup) Cleveland.
<b>Pour Point</b>	<-57 °C
<b>Colour</b>	Amber.
<b>Odour</b>	Mild
<b>Physical state</b>	Liquid.
<b>Density</b>	934 kg/m <sup>3</sup> (0.934 g/cm <sup>3</sup> ) at 15.6°C
<b>Solubility</b>	Insoluble in water.
<b>Viscosity</b>	Kinematic: 9.2 mm <sup>2</sup> /s (9.2 cSt) at 54°C

## 10. Stability and reactivity

<b>Incompatibility with various substances</b>	Reactive with oxidising agents.
<b>Hazardous polymerization</b>	Will not occur.

## 11 . Toxicological information

### Acute toxicity

Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis.

Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.

At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.

### Chronic toxicity

#### Carcinogenic effects

No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH, the International Agency for Research on Cancer (IARC) or the European Commission (EC).

## 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

Unlikely to be harmful to aquatic organisms.

### 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 Consideration / Waste information

Where possible, arrange for product to be recycled. Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations.

### Used/contaminated product

#### European Waste Catalogue (EWC)

13 02 06\* synthetic engine, gear and lubricating oils  
However, deviation from the intended use and/or the presence of any potential contaminants may require an alternative waste disposal code to be assigned by the end user.

## 14 . Transport information

Not classified as hazardous for transport (ADR, RID, UN , IMO, IATA/ICAO).

## 15 . Regulatory information

### Label Requirements

#### Risk Phrases

This product is not classified according to the EU regulations.

#### EU Regulations

Classification and labelling have been performed according to EU directives 1999/45/EC and 67/548/EEC as amended and adapted.

### Other regulations

#### Inventories

AUSTRALIAN INVENTORY (AICS): In compliance.

CANADA INVENTORY (DSL): In compliance.

CHINA INVENTORY (IECS): In compliance.

EC INVENTORY (EINECS/ELINCS): In compliance.

JAPAN INVENTORY (ENCS): In compliance.

KOREA INVENTORY (ECL): In compliance.

PHILIPPINE INVENTORY (PICCS): In compliance.

US INVENTORY (TSCA): In compliance.

#### Additional warning phrases

Contains (N-alkylated benzotriazoles). May produce an allergic reaction. Safety data sheet available for professional user on request.

### National regulations

#### National regulations

National legislation: Occupational Health and Safety Act (Act 85 of 1993).

Product Name Brayco 885

Product code 0000001481

Page: 3/4

Version 1

Date of issue 15 July 2004

Format South Africa

Language

Build 1.1.2

( South Africa )

( ENGLISH )

## 16 . Other information

**Full text of R phrases referred to in sections 2 and 3** R20/22- Harmful by inhalation and if swallowed.  
R36/38- Irritating to eyes and skin.

### History

**Date of issue** 15/07/2004.

**Date of previous issue** No Previous Validation.

**Prepared by** Product Stewardship Group

### Notice to reader

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** Brayco 885

**Product code** 0000001481

Page: 4/4

**Version** 1

**Date of issue** 15 July 2004

**Format** South Africa

**Language**

Build 1.1.2

( South Africa )

( ENGLISH )