



ZEEL ENTERPRISE

# MATERIAL SAFETY DATA SHEET

## Section 1 : Identification of the Material and Supplier

### Product identifier

Product Name : All Lube Diesel/Petrol Engine Oil

Product Code : All Diesel/Petrol Engine Oil

### Relevant identified uses of the substance or mixture

Product Use : Diesel/Petrol engine oil.

For specific application advice see appropriate Technical Data Sheet or consult our company representative.

### Details of the supplier and Mfg.

ZEEL ENTERPRISE

94 to 96 SukhramIndustry

Umaraa Gam, Velanja,

Surat - 394130

### Customer Care

Mob.Number : +91 99793 08216

## Section 2 : Hazards Identification

Statement of Hazardous/dangerous nature :NON-HAZARDOUS SUBSTANCE.

NON-DANGEROUS GOODS

## Section 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.

## Section 4 :First-aid measures

Eye-Contact : In case of contact, immediately flush eyes with plenty of fresh water for at least 15 minutes

Skin-Contact : Immediately wash exposed skin with soap and water. Remove contaminated clothing and shoes.

Ingestion: Do not induce vomiting. Give water, liquid paraffin, olive oil or vegetable oil

Inhalation : Remove to Fresh air. Seek medical aid.

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## Section 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

- ⇒ Carbon dioxide
- ⇒ Carbon monoxide
- ⇒ Sulfur oxides
- ⇒ Phosphorus oxides
- ⇒ Metal oxide

### 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.

## Section 6 : Special Protection Information

**Ventilation**: Mechanical ventilation recommended.

**Cloves**:Neoprene or nitrile rubber gloves recommended.

**Goggles**:Chemical splash goggles.

**Others**: Use apron also.

## Section 7 :Handling and storage

**Handling** :Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

**Storage** :Keep container tightly closed. Keep container in a cool, well-ventilated area

## Section 8 : Environmental Protection

**Water disposal method** : Disposal should be made in compliance with Federal, State and local Laws.

**Procedure in case of Breakage/Leakage** :Wear rubber boots, gloves, apron and goggles. Pickup free liquid for recycle/disposal. Absorb small amount on inert material like clothes, sand etc.

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## Section 9 : Chemical and Physical Properties

SAE GRADE	UNITS	Typical Values
Physical State	None	Liquid
Appearance	None	Bright & Clear
Colour	None	Natural & Red
Density@29.5°C	g/ml	0.875 - 0.880
Kinematic Viscosity, at 40°C, cSt	mm <sup>2</sup> /s	130 – 145
Kinematic Viscosity, at 100°C, cSt	mm <sup>2</sup> /s	10 – 15
Viscosity Index	None	110 – 135
TBN, mgKOH/g	mg/g	4 – 8
Pour Point °C	°C	(-15) - (-25)
Flash Point, COC	°C	210 – 220

## Section 10 : Stability and reactivity

<b>Reactivity</b>	No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information
<b>Chemical stability</b>	The product is stable.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will occur. Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Conditions to avoid</b>	Avoid all possible sources of ignition (spark or flame).
<b>Incompatible materials</b>	Reactive or incompatible with the following materials: oxidizing materials.

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## Section 11 : TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Product Information - Principle Routes of Exposure

<b>Inhalation</b>	None known
<b>Eye contact</b>	None known
<b>Skin contact</b>	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons
<b>Ingestion</b>	None known
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye irritation</b>	Based on available data, the classification criteria are not met.
<b>Sensitization</b>	
<b>Respiratory Sensitization</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitization</b>	May cause an allergic skin reaction.
<b>Germ Cell Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ systemic toxicity (single exposure)</b>	Based on available data, the classification criteria are not met
<b>Specific target organ systemic toxicity (repeated exposure)</b>	Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met

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## Section 12 : ECOLOGICAL INFORMATION

### Toxicity

No special environmental measures are necessary

### Persistence and degradability

The product is not readily biodegradable, but it can be degraded by micro-organisms, it is regarded as being inherently biodegradable.

### Bioaccumulative potential

No information available

### Mobility in soil

The product is insoluble and floats on water

### Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

### Other adverse effects

None known

## Section 13 : DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### Waste from Residues / Unused Products

Dispose of in accordance with local regulations

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Observe all label precautions until container is cleaned, reconditioned or destroyed.

#### Other Data

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used

## Section 14 :Transport information

### International transport regulations

Not classified as dangerous for transport ( IMDG, ICAO/IATA).

### Special precautions for user

No known special precautions required. See Section: "Handling and storage" for additional information.

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## Section 15 :Other information

### Key to abbreviations

AMP = Acceptable Maximum Peak  
CAS Number = Chemical Abstracts Service Registry Number  
HAZCHEM Code = Emergency action code of numbers and letters which gives information to emergency services. Its use is required by the ADG Code for Dangerous Goods in bulk.  
ICAO = International Civil Aviation Organization.  
IATA = International Air Transport Association, the organization promulgating rules governing shipment of goods by air.  
IMDG = International Maritime Organization Rules, rules governing shipment of goods by water.  
TWA = Time weighted average  
STEL = Short term exposure limit

## Section 16 :Other information

### 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.

**Date of issue** 31/01/2019

**Date of previous issue** 31/01/2019

**Prepared by** Product Stewardship

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