SHIELD DIESEL ENGINE OIL SAE 15W40

*MATERIAL SAFETY DATA SHEET*

Revision number : 2 Revision Date : 06/11/18

**1.CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name :** **SHIELD DIESEL ENGINE OIL SAE 15W/40**

**Product Use :** Lubricating oil

**Company Identification** **Emergency Telephone Number**

Kuwait Dana Lubes Company (965) 23260723

Post Box :9150,

Ahmadi – Kuwait – 61001

**2.COMPOSITION/INFORMATION ON INGREDIENTS**

# NO COMPOSITION CAS NO. AMOUNT

1. Highly Refined Petroleum Oil Mixture\* 80 - 85%

2. Additives Mixture 20 -15%

\*May contain (64742-54-7; 64742-57-0; 64742-65-0; 64742-55-8; 64742-53-6).

**3.HAZARDS IDENTIFICATION**

**EYE :** The material is not expected to cause prolonged or significant eye irritation.

**SKIN :**  The material may cause very mild skin irritation. The material is not expected

to be harmful when absorbed through the skin.

**INHALATION** **:** Inhalation of vapor(At high temperature only) or oil mist from this

product may result in mild irritation of the upper respiratory tract.

**INGESTION :** The material is not expected to be harmful when swallowed.

**4.FIRST AID MEASURES**

**EYE :**  Flush immediately with water for at least 15 minutes. Get immediate medical attention.

**SKIN :**  Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops.

**INGESTION : DO NOT INDUCE VOMITING.** If conscious, give 2 glasses of water.

Get immediate medical attention.

**INHALATION :** Remove exposed person to fresh air and provide oxygen if breathing

is difficult. Get medical attention

**5.FIRE FIGHTING MEASURES**

**Flash point (COC):** >190ºC

**Auto ignition :** NDA

**Upper** **Flammable Limit :** NA

**Lower** **Flammable Limit :** NA

**Extinguishing media** **:** CO2, Dry Chemical , Foam , Water Fog

**Firefighting procedures:** Recommend wearing self-contained breathing apparatus.

Water may cause splattering.

**Combustion products:** Normal combustion forms carbon dioxide, water vapor,

and may produce oxides of Sulfur and Nitrogen.

Incomplete combustion may produce carbon monoxide.

Page 1 of 3

SHIELD DIESEL ENGINE OIL SAE 15W40

*MATERIAL SAFETY DATA SHEET*

**6.ACCIDENTIAL RELEASE MEASURES**

**Environmental protection:** The material is not expected to be harmful to aquatic

organisms. Stop the source of leak or release. Remove

with vacuum trucks or pump to storage salvage vessels. Soak up residue with an absorbent such as Clay, Sand or other suitable materials.

**7.HANDLING AND STORAGE:**

**Handling Procedure:** Keep containers closed when not in use. Handling

temperatures should not exceed 70ºC.

**Storage Procedure:** Keep containers in cool and Dry place.

**8.EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE:** No special eye protection is normally required .

Recommended chemical goggles or face .

**SKIN:** No special protective clothing is normally required.

**VENTILATION:** No special ventilation is required.

**9.PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance :**  Oily Liquid

**Boiling Point :** NA

**Melting point :** NA

**Freezing point :** NA

**Solubility in water :** In soluble

**Vapor Pressure : <**0.1 mm.Hg

**Vapor Density(Air =1):** NA

**PH :** NA

**10.STABILITY AND REACTIVITY**

**Stability :**  Stable

**Incompatibility :** May react with strong oxidizing agents, such as

Chlorates, Nitrates, Peroxides, etc.

**Hazardous Polymerization :** Polymerization will not occur.

**11.TOXICOLOGICAL INFORMATION**

**EYE:** The hazard evaluation was based on data from similar components.

**SKIN:** The hazard evaluation was based on data from similar components.

**INHALATION:** The hazard evaluation was based on data from similar components.

**INGESTION:** The hazard evaluation was based on data from similar components.

**12.ECOLOGICAL INFORMATION**

**Environmental impact:** This material is not expected to be readily biodegradable.

**Ecotoxicity:** This material is not expected to be harmful to aquatic organisms.

Page 2 of 3

SHIELD DIESEL ENGINE OIL SAE 15W40

*MATERIAL SAFETY DATA SHEET*

**13.DISPOSAL CONSIDERATIONS**

Material, if discarded, not expected to be characteristic hazardous waste. Disposal

Should be in compliance with federal, state, and local laws.

**14.TRANSPORT INFORMATION**

Department of Transportation classification:

Not hazardous by D.O.T. regulations.

**DOT Proper shipping Name :** Not Applicable

**Other Requirements** **:** Not Applicable

**15.REGULATORY INFORMATION**

**SARA 311 Categories**:

1.Immediate (Acute) Health Effects : NO

2.Delayed(Chronic) Health Effects : NO

3.Fire Hazard : NO

4.Sudden release of pressure Hazard: NO

5.Reactivity Hazard : NO

**STATE REGULATORY INFORMATION:**

Based on information available this product does not contain any chemical

substance regulated by a specific state law.

**16.OTHER INFORMATION**

**NFPA RATINGS :** Health 1; Flammability 1; reactivity 0;

**HMIS RATINGS :** Health 1; Flammability 1; reactivity 0;

( 0 - Least, 1- Slight, 2- Moderate, 3- High, 4- Extreme, PPE:- Personal)

**Revision statement:** This is a new Material Safety Data Sheet.

**ABBREVIATION THAT MAY HAVE BEEN USED IN THIS DOCUMENT:**

**NDA :**  No Data Available

**CAS** **:** Chemical Abstract Service Number

**NFPA :** National Fire Protection Association

**NA :** Not Applicable

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Page 3 of 3