



# MATERIAL SAFETY DATA SHEET

Product Name	SKOROIL MARINE OILS
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It has been prepared in accordance with the Regulation on the Preparation of Safety Data Sheets for Harmful Substances and Mixtures (Official Gazette No. 13.12.2014-29204).

## **1. DESCRIPTION OF THE PRODUCT AND THE COMPANY**

**Product Name:** SKOROIL MARINE OILS | 40/12 - 30/15 - 40/15 - 30/20 - 40/20

**Manufacturer:** SKOR PETROKİMYA ÜRÜNLERİ SAN. VE TİC. A.Ş.

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Emergency Phone Numbers

First Aid:112

Fire Brigade :110

Ministry of Health National Poison Information Center:114

## **2-DEFINITION OF HAZARD**

According to the current legislation, it is not considered dangerous to health or the environment.

**ENVIRONMENT:** The product is not expected to be hazardous to the environment.

Physicochemical effect: Unrelated.

Impact on human health: it is not related.

### **Label Elements**

#### **Product ID:**

It is the component that determines the danger for the label.

To the best of the supplier's current knowledge and in applicable concentrations, there are no notifiable ingredients classified as hazardous to health or the environment.

### **3-INFORMATION ABOUT ITS COMPOSITION/INGREDIENTS**

#### **Hazardous Substances Contained**

The product does not contain hazardous substances.

Some substances do not have a classification according to the legislation in force. It has been classified by the manufacturer. According to IP 346, the DMSO rate is less than 3%.

### **4.FIRST AID MEASURES**

#### **GENERAL:**

In the event of an emergency, consult a doctor by showing this safety data sheet.

**INHALATION:** If there is irritation or cough in the nose and throat as a result of gas inhalation, the affected person should be taken to fresh air. If symptoms such as dizziness and nausea persist, medical attention should be sought by taking them to the doctor.

**SWALLOWING:** NEVER INDUCE VOMITING OR DRINK A LIQUID IF YOU ARE NOT CONSCIOUS! Rinse the mouth thoroughly. In case of any discomfort, consult a doctor.

**SKIN CONTACT:** Move the casualty away from the site of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. In case of any discomfort, consult a doctor.

**CONTACT WITH EYES:** Keep your eyelids open and wash with plenty of water for 15 minutes. If redness or pain occurs, it should be checked by a doctor. In case the product gets into the eyes, it should be washed by pouring plenty of cold water. A doctor should be consulted by taking him to the hospital without delay.

### **5.FIRE FIGHTING MEASURES**

#### **GENERAL:**

During a fire, everyone should be removed except the fire personnel. Product packaging should be removed from the fire environment. Do not stay in the danger zone without a breathing apparatus and appropriate protective clothing.

**Suitable Fire Extinguishers and Fighting Method:** In small-scale fires, foam, dry chemicals, CO2 and water mist should be used. In case of large fires, the fire brigade should be notified. Care should always be taken to create an escape route in the event of a fire.

**Unsuitable Fire Extinguishers and Fighting Method:** Never fight the fire with water. If strong water is thrown, it can cause the fire to spread.

**Special Protective Equipment Required for Fire Fighting:** Fires in confined spaces should be extinguished by trained personnel using protective clothing and oxygen masks.

## **6. ACCIDENTAL SPREAD PRECAUTIONS**

### **PERSONAL PRECAUTIONS**

Avoid contact with eyes, skin and clothes. Wear personal protective equipment. Make sure that dust does not form. Make sure there is good ventilation. Use a self-contained breathing apparatus.

### **ENVIRONMENTAL PROTECTION MEASURES**

Do not dump it into sewers, soil, or waterways.

### **SPILL REMOVAL METHODS**

Stop the leak if possible, provided there is no danger. Put in boxes, impregnating with vermiculite, dry sand or soil. Rinse with plenty of water to clean the spill area. Do not contaminate waterways or sewers.

## **7.USAGE AND STORAGE**

### **PRECAUTIONS FOR USE**

Try not to spill, avoid contact with skin and eyes. Use gloves and a dust mask. Store the packaging in a dry place. When closing the lid again, it must be dry. After use, if possible, the package is resealed and the lid is closed. Where dust is generated, there must be a suitable exhaust ventilation system.

### **STORAGE PRECAUTIONS**

Store in tightly sealed original packaging, in a dry and cool place. Keep it upright. Keep away from food, drinks, and animal feed. Keep out of reach of children.

**Personal Precautions:** Unnecessary personnel are kept away. Impermeable gloves and boots are used. Suitable protective clothing should be used to prevent thermal burns in case of working with hot material.

**Environmental Precautions and Cleaning Methods:** Oil is removed using suitable absorbents such as oil, sand, soil, sawdust, etc. and stored in marked barrels for disposal in accordance with the law.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Exposure controls**

It does not contain any substances with an exposure limit.

### **Appropriate Engineering controls**

DNEL-Values: No data available

### **General Protection and Hygiene Measures**

Ensure that personal protective equipment is compatible with and linked to good occupational hygiene practices, engineering controls, ventilation and other control measures, including insulation.

Use only in well-ventilated areas.

Keep away from food ingredients, beverages and animal feed.

Remove dirty, contaminated clothing directly.

Wash your hands at the end of work and when you take a break from work

Avoid direct contact with eyes and skin.

Do not eat or drink any foodstuffs while using this substance.

#### **PROTECTIVE EQUIPMENT**



**PROCESS CONDITIONS:** Provide an eyewash area.

**TECHNICAL MEASURES:** Ensure proper ventilation. Observe the Operational Exposure Limits and reduce the risk of vapor inhalation.

**RESPIRATOR:** No specific advice has been given, but it may be necessary to use respiratory protection in exceptional cases in case of excessive contamination of the air.

**HAND PROTECTION:** Wear appropriate protective gloves when there is a danger of skin contact. Wear protective gloves made of:

**EYE PROTECTION:** Wear safety goggles or a face shield if there is a splash hazard.

**OTHER METHODS OF PROTECTION:** Wear appropriate clothing to prevent any contact with the skin. Wear rubber shoes.

#### **HEALTH PRECAUTIONS:**

**DO NOT SMOKE IN THE PLACES WHERE YOU WORK!** Wash at every shift change and before eating, before smoking, and before going to the toilet. Remove all contaminated clothing immediately. Use a suitable skin cream to prevent the skin from drying out. Wash the workwear before using it again. Do not eat or drink anything during use, and do not smoke.

**SKIN PROTECTION:** Wear an apron or protective clothing in case of contact.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Liquid

**ODOR:** Substance-specific.

**VISCOSITY:** 12.5-16.3 cSt 100°C

**FLASH POINT** : (°C) 260 OC (Open dish)

**POUR POINT** : (°C)-24

## **10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable under normal temperature conditions and recommended conditions of use. It is stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Avoid contact with moisture and sunlight. Beware of excessive heat for a long time.

**DANGEROUS POLYMERIZATION:** Does not polymerize

**HARMFUL DEGRADATION PRODUCTS:** In the common environment, hazardous degradation products are formed.

**MATERIALS TO AVOID:** Acids – oxidizing.

**HAZARDOUS DECOMPOSITION/DECOMPOSITION PRODUCTS:** Fire creates: Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)

## **11. TOXICOLOGICAL INFORMATION**

**INHALATION:** Intense vapors can irritate the throat and respiratory system and cause coughing.

**INGESTION:** May cause discomfort if swallowed. Symptoms of gastrointestinal upset, including nausea.

**SKIN CONTACT:** It is not expected to irritate the skin when used normally. The liquid can irritate the skin.

**CONTACT WITH EYES:** Irritating to the eyes.

## **12. ECOLOGICAL INFORMATION**

**Degradability:** They cannot be easily biodegraded.

**Mobility:** It is liquid in almost all environmental conditions. It floats in water. Debris is penetrated into the soil, causing contamination of ground waters.

**Accumulation Feature in Nature:** It tends to accumulate in nature. Care should be taken not to dump it on garbage and sewer-connected waterways. Debris can cause damage to organisms by forming films on water surfaces. Oxygen transfer can also be blocked.

## **13. DISPOSAL INFORMATION**

**DISPOSAL METHODS**

Dispose of garbage and waste in accordance with the rules of the local authorities. The environmental officer will be informed of all major spills. It should not seep into sewers, waterways or soil. Do not reuse contaminated empty packaging. Empty packages can be recycled. Since these containers may contain hazardous waste, they should be cleaned with appropriate methods. The spilled area should be washed with plenty of water. It should not be discharged in high quantities in treatment systems.

The product must be disposed of according to official regulations. Do not allow the packaging of the product and the product to be disposed of with household garbage. In such cases, inform the official authorities.

## **14. TRANSPORTATION INFORMATION**

**GENERAL** Product, international on the transport of dangerous goods  
It is not covered by the regulation (IMDG, IATA, ADR/RID).  
A warning sign is not required for transportation.

**ROAD TRANSPORT NOTES** Not classified.

**RAILWAY TRANSPORT NOTES** Not classified.

**SEA NOTES** Not classified.

**AIR TRANSPORT NOTES** Not classified.

## **15. REGULATORY INFORMATION**

See the following regulations for legislation or other national measures that may be relevant to the implementation of the provisions of this safety data sheet.

Regulation on registration, evaluation, authorization and restriction of chemicals (23/06/2017-30105)

Regulation on the preparation of safety data sheets for harmful substances and mixtures

(R.G.. -13.12.2014-29204)

Occupational health and safety regulation (O.G.18.12.2014-29209)

Regulation on health and safety measures in working with carcinogenic and mutagenic substances

(O.G.-06.08.2013-28733)

Regulation on health and safety measures in working with chemical substances

(O.G-12.08.2013-28733)

Regulation on the use of personal protective equipment in workplaces.

(O.G.02.07.2013-28695)

Manual handling regulations (O.G.24.07.2013-28717)

Regulation on the prevention and mitigation of major industrial accidents (02.08.2016-39789)

Waste Management Regulation (O.G.02.04.2015-29314)

## **16. OTHER INFORMATION**

**Risk statements**

None.

### **Key sources of information**

This safety data sheet has been prepared with reference to the relevant regulations.

### **Abbreviations**

LC... (lethal concentration...) :%50 öldürücü doz.

LD... (lethal flooring...) :50% lethal concentration

DNEL (derived no-effect level)

NOAEL (no observable adverse effect level): The value at which no side effects are observed.

ADR: European treaty on the international carriage of dangerous goods by road.

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