

	<b>MATERIALSAFETY DATASHEET</b>	Product Name	SKOROIL SUPERWAY EXTRA CI-4 10W40
		Preparation Date	02.01.2013
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		MSDS No	
		Page Setup	8

Regulation on the Preparation of Safety Data Sheets on Harmful Substances and Mixtures  
(Official Gazette No. 13.12.2014-29204).

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

**Product Name:** SUPERWAY EXTRA CI-4 10W/40

**Producer :** Skor Petrokimya Urunleri Sanayi ve Ticaret A.Ş.

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Emergency Phone Numbers

First Aid :112

Fire brigade110

Ministry of Health National Poison Advisory Center:114

## **2-DEFINITION OF THE HAZARD**

According to the legislation in force, it is not considered dangerous for health or the environment.

**ENVIRONMENT:** The product is not expected to be

hazardous to the environment. Physico-chemical effect: Not related.

Impact on human health: not related.

### **Tag Features**

**Product ID:**

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

To the extent of the supplier's current knowledge and at applicable concentrations, there are no components classified as hazardous to health or the environment that require reporting

Note: The DMSO extract test result of this product by IP 346 method was found to be below 3% (m/m). It is therefore exempt from the designation H350 with reference to 'Annex I entry in 21st ATP'.

**3- INFORMATION ABOUT THE COMPOSITION/INGREDIENTS****Blends**

Article Name	Cas No	EC No	Concentration(%)	Classification
Base oil	72623-87-1	276-738-4	55-85	ASP. Full. 1,H304
Zinc bic [O-(6-methylheptyl)] bis [O-(Sec-butyl)] bis (dithiophosphate )	93819-94-4	298-577-9	0,3-0,8	Skin Irritation 2,H315 Eye Irritation 1, H318 Aquatic Chronic 2,H411
Long Chain Alkyl Thio Carbamide Metal Complex	-	457-320-2	0,1-0,3	Skin Irritation 2,H315 Skin has. 1, H317 Aquatic Chronic 3, H412
Methacrylate Copolymer	Proprietary	-	0,1-0,3	Eye Irritation 2,H319
	Proprietary	-	0,001-0,003	Skin Irritation 2,H315 Eye Irritation 2,H319 BHOT Single MRZ 3,H335 Skin has. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

**4. FIRST AID MEASURES****GENERAL:**

In case 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 out to fresh air. If symptoms such as dizziness and nausea persist, medical help should be obtained by taking them to the doctor.

**SWALLOWING:** IN HIS CONSCIOUSNESS NON ONE ANYONE DEFINITELY  
DO NOT INDUCE VOMITING AND ONE LIQUID

DON'T GET INTO IT! Rinse the mouth well. If any discomfort persists, consult a doctor.

**SKIN CONTACT:** Move the victim away from the contamination site. Remove contaminated clothing. skin

immediately

wash off with soap and water. If any discomfort persists, consult a doctor.

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

## **5. FIRE FIGHTING MEASURES**

### **GENERAL:**

During the fire, everyone except the fire personnel should be removed. 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 Method of Struggle:** In small fires, foam, dry chemical, CO<sub>2</sub> and water mist should be used. In the event of large fires, the fire department should be notified. Care must always be taken to create an escape route in the event of a fire.

**Improper Fire Extinguishers and Method of Struggle :** Never intervene in 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 enclosed spaces should be extinguished by trained personnel using protective clothing and oxygen masks.

## **6 . ACCIDENTAL SPREAD PRECAUTIONS**

### **PERSONAL PRECAUTIONS**

Avoid contact with eyes, leather and clothes. Use personal protective equipment. No dust Note. Make sure there is good ventilation, use an independent breathing apparatus.

### **ENVIRONMENTAL PROTECTION MEASURES**

Do not pour into sewage, soil or waterways.

### **DEBRIS REMOVAL METHODS**

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

Use the personal protective devices specified in Section 8

## **7. HANDLING AND STORAGE**

### Precautions for Safe Handling

Contact with skin and eyes should be avoided. Use your personal protective equipment to avoid contact with eyes and skin. Inhalation of vapor that may occur during use should be avoided and good ventilation should be provided in the working environment.

Conditions for Safe Storage, Including Disputes, Store in sealed packages labeled appropriate for the product in a dry, cool and well-ventilated place. If stored at ambient temperature, there is no fire hazard.

Specific End Uses The areas of use are specified in Section 1.2. It should not be used outside the specified usage areas.

**Personal Precautions** Personnel who are not needed are kept away. Gloves and boots with impermeability are used. In case of working with hot material, appropriate protective clothing should be used to prevent thermal burns.

**Environmental Precautions and Cleaning Methods:** Oil sand, soil sawdust, etc. Using appropriate absorbents The oil is taken and stored in marked barrels for disposal in accordance with the law.

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

Control parameters TWA

(8 h) : 5 mg/m<sup>3</sup>

STEL (15 minutes) : 10 mg/m<sup>3</sup>

### **Proper Engineering controls**

Provide adequate ventilation in the work area.

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

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

Use only in well-ventilated places.

Keep away from food supplies, drinks and animal feed.

Remove contaminated, contaminated clothing

directly. Wash your hands at the end of work and

during 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 eye wash place.

**TECHNICAL MEASURES :** Provide proper ventilation. Observe Operational Exposure Limits and lower the risk of steam inhalation.

**RESPIRATORY APPARATUS:** No specific recommendation has been given, but it may be necessary to use breathing protection in exceptional cases if there is excessive contamination of the air.

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

**EYE PROTECTION:** Wear safety glasses or face shield if there is a danger of splashing.

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

**HEALTH PRECAUTIONS:**

DO NOT SMOKE IN THE PLACES WHERE YOU WORK! Wash at each 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

**COLOR:** Amber

**ODOR:** Specific to the substance.

**RELATIVE DENSITY:** (0.860-0.890)g/ml 15°C

**VISION:** 12.5-16.3 cSt 100°C

**FLASH POINT :**(°C) Min. 230 °C (Open dish)

**POUR POINT:** -39°C

**Explosive properties** It is not considered explosive.

**Oxidizing properties** Not considered explosive.

## **10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Balanced under normal temperature conditions and under recommended conditions of use.

It is stable in the recommended storage conditions.

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

**HAZARDOUS POLYMERIZATION:** Non-polymerizing

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

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

**HAZARDOUS DEGRADATION/DECOMPOSITION PRODUCTS:** Things caused by a fire: Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>)

## **11. TOXICOLOGICAL INFORMATION**

**INHALATION:** In dense form, vapors can irritate the throat and respiratory system and cause coughing they could be.

**SWALLOWING:** May cause discomfort if swallowed. Gastrointestinal upset, including nausea Symptoms.

**SKIN CONTACT:** It is not expected to irritate the skin when used normally. Liquid skin irritation Can.

**CONTACT WITH EYES:** Irritates the eyes.

## **12. ECOLOGICAL INFORMATION**

**Degradability:** It is not possible to be expected to undergo biological degradation easily.

**Mobility:** It is in liquid form in almost all environmental conditions. It floats in water, Rashes are processed into the soil, causing pollution of ground waters.

**Accumulation Property in Nature:** It tends to accumulate in nature. Care must be taken not to dump it in garbage and into sewer-connected waterways. Debris can form films on water surfaces, causing damage to organisms. Oxygen transfer can also be inhibited.

## **13. DISPOSAL INFORMATION**

### **DISPOSAL METHODS**

Dispose of garbage and waste in accordance with the rules of local authorities. The environmental officer will be informed about all major debris. It should not seep into the sewer, waterways or soil. Do not reuse contaminated empty packaging. Empty packaging can be recycled. These containers must be cleaned by appropriate methods as they may contain hazardous waste. The spilled area should be washed with plenty of water.

It should not be discharged in large 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 thrown away with household garbage. In such cases, inform the authorities.

## **14. TRANSPORTATION INFORMATION**

### **GENERAL**

Product, international transport of dangerous goods not covered by the regulation (IMDG, IATA, ADR/RID).  
No warning sign is required for transport.

**ROAD TRANSPORT NOTES** It is not classified. **RAILWAY**

**TRANSPORT NOTES** It is not classified. **SEA NOTES** It is not classified. **AIR TRANSPORT NOTES** It is not classified.

## **15. REGULATORY INFORMATION**

See the following regulations for legislation or other relevant national measures to implement the provisions of this safety data sheet.

Regulation on the registration, evaluation, authorization and restriction of chemicals

(23/06/2017-30105) Regulation on the preparation of a safety data sheet on harmful substances and mixtures (R.G. -13.12.2014-29204)

Occupational Health and Safety Regulation (R.G.18.12.2014-29209)

Regulation on health and safety measures in the work with carcinogenic and mutagenic substances (R.G.-06.08.2013-28733)

Regulation on health and safety measures in the work with chemical substances (R.G-12.08.2013-28733)

Regulation on the use of personal protective equipment in workplaces. (R.G.02.07.2013-28695)

Regulation on manual transport works (R.G.24.07.2013-28717)

Regulation on the Prevention and Reduction of the Effects of Major Industrial Accidents (02.08.2016- 39789)

Waste Management Regulation (R.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 lethal dose.

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

DNEL (derived no-effect level) :Effect unobserved value

NOAEL (no observable adverse effect level) :Side Effect unobserved value.

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

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