



**MATERIAL SAFETY DATA SHEET**  
**according to Regulation (EC) No. 1907/2006**

Product name :

QUARTZ SMC 5W30

Issue : 01

Version of : 2012-02-13

Revision date : None

**PRODUCT LABELS**

LABELLING (standard or EU): Not concerned  
 R-phrases : none  
 S-phrases : none

TRANSPORT LABELLING: Not applicable.

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name : QUARTZ SMC 5W30  
 Number  
 Hazchem No.: -  
 Pure substance / mixture : Mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses Engine Oil

**1.3. Details of the supplier of the safety data sheet**

Supplier : TOTAL OIL INDIA PVT. LTD., Lubricants Division  
 The Leela Galleria, 3rd Floor  
 Andheri Kurla Road  
 Andheri East, Mumbai 400 059  
 India

For further information, please contact

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 E-mail Address  
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**2. HAZARDS IDENTIFICATION**

The product is not classified as dangerous in accordance with directive 1999/45/EC.

**Health effects :** This product does not present a danger of intoxication. May cause allergic reactions

**Environmental properties** Do not discharge this product into the environment

**Physical-Chemical Properties** No specific risk of fire or explosion under normal conditions of use

**3. COMPOSITION/INFORMATION ON INGREDIENTS****PREPARATION**

Chemical nature : Product containing mineral oil with less than 3 % DMSO extract as measured by IP 346

Substances presenting a health hazard	EC No.	CAS-No	Content	Symbol(s)	R-phrases
Zinc alkyl di-thiophosphate	272-028-3	68649-42-3	<1 %	Xi	R-36, R-38

See section 16 for explanations of R-phrases :

**4. FIRST AID MEASURES**

IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

Inhalation : Inhalation of heavy concentrations of vapour, fumes or spray, may cause mild irritation of the throat. Transport the person into fresh air, keep warm and allow to rest.

Ingestion : Possible risk of vomiting and diarrhoea. Do not induce vomiting to avoid the risk of aspiration

Skin contact :	into the respiratory tract. Give nothing to drink Immediately remove all soiled or stained clothing. Wash the affected area immediately and repeatedly with soap and water.
Eye contact :	Keep eyes open and rinse immediately and repeatedly with water for at least 15 minutes.
Aspiration :	If the product is believed to have entered the lungs (in case of vomiting, for example), take the person to hospital for immediate care.

**5. FIRE-FIGHTING MEASURES**

Flash Point :	See section 9
<b>5.1. Extinguishing media :</b>	
Suitable Extinguishing Media	Foam, carbon dioxide (CO2), powder.
Unsuitable Extinguishing Media	Do not use water jets (stick jets) for extinguishing fire, as this may help the spread of flames
<b>5.2. Special hazards arising from the substance or mixture</b>	
Specific hazards:	Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled. Vapours can build explosive mixtures with air. Vapours are heavier than air and may spread on the ground to sources of ignition.
<b>5.3. Advice for fire-fighters</b>	
Special protective equipment for fire-fighters	Insulated breathing apparatus must be worn in confined premises with heavy concentrations of fumes and gases.
Other information	All combustion residues and contaminated water from fire-fighting should be disposed of according to local regulations.



**6. ACCIDENTAL RELEASE MEASURES**

See sections 8 and 13.	
Personal protection :	Ensure good ventilation. Remove sources of ignition. Do not smoke.
After spillage / leakage :	- On land: Surfaces on which the product has been spilled may become slippery. Do not allow the product to enter sewers or rivers or contaminate the soil. Recover with mechanical means such as pumps and skimmers. - On water: Floating absorbent material, then mechanical recovery. If the product is spilled into rivers or sewers, notify the authorities of the possible presence of surface effluent
Spill cleanup methods :	Recovery: Use mechanical means such as pumps, skimmers and absorbent materials. - Elimination: Hand over contaminated materials to an approved collector - see also section 13.

**7. HANDLING AND STORAGE**

<b>HANDLING :</b>	
<b>Prevention of user exposure :</b>	Ventilate extensively if the formation of vapours, fumes, mists or aerosol is a risk. Make all the necessary arrangements in order to reduce exposure risk, notably to products in use or to wastes. Keep away from combustible substances; keep away from food and beverages.
<b>Prevention of fire and explosion</b>	Empty containers may contain flammable or explosive vapours. There is a fire hazard associated with rags, paper or any other material used to remove spills which become soaked with product. Avoid accumulation of these: they are to be disposed off safely after use.
<b>Precautions :</b>	Avoid static electricity build up with connection to earth. Set up machinery and equipment so as to avoid the risk of accidental spills or splashes onto hot machine parts and electrical contacts (on joint failure, for example).
<b>STORAGE :</b>	
<b>Technical measures :</b>	Make the necessary arrangements to prevent water and soil pollution.
<b>Storage precautions :</b>	- Suitable: Store at ambient temperature, protected against contact with water and moisture, and away from any source of ignition. Keep containers closed when not in use - To be avoided:



Stability :	The product is stable at normal storage, handling and use temperatures.
Conditions to avoid :	Heat (temperatures above flash point), sparks, ignition points, flames, static electricity
Materials to avoid :	Avoid contact with strong oxidizers
Hazardous decomp. products :	Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot.

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity / Local effect :

Inhalation, comments:	Not classified according to the criteria of classification in force. Inhalation of high concentrations of vapour or aerosols may cause irritation of the upper respiratory tract.
Skin contact, comments:	Not classified according to the criteria of classification in force.
Ingestion, comments:	In case of ingestion of small quantities, no important effect observed. In case of ingestion of larger amounts: abdominal pain, diarrhea, ...

#### CHRONIC TOXICITY OR LONG-TERM TOXICITY

Skin contact :	Characteristic skin affections (oil blisters) may develop following prolonged and repeated exposure through contact with stained clothing
Sensitization :	Contains a sensitising substance May cause an allergic reaction
Carcinogenicity :	During use in engines, contamination of oil with low levels of combustion products occurs. Used motor oils have been shown to cause skin cancer in mice following repeated application and continuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water.

### 12. ECOLOGICAL INFORMATION

Comments about ecotoxicity :	Experimental data on the finished product are not available. It is considered to present a little danger for aquatic life. no information available for used product
Mobility :	- Air: there is a slow loss by evaporation. - Soil: Given its physical and chemical characteristics, the product generally shows little mobility in the ground. - Water: The product is insoluble; it spreads on the surface of the water
Persistence and degradability :	No experimental information about the finished product. The product should offer slow biodegradability

### 13. DISPOSAL CONSIDERATIONS

Waste disposal :	Dispose of in a safe manner, in accordance with local regulations. If need be, collection by an authorised waste contractor and regeneration or incineration at an approved installation.
Waste class :	13 02 05 The waste classification is dependant on the composition of the product at the time of disposal. The waste classification mentioned here represents only a recommendation. The waste producer is responsible for the correct specification of the waste. The specification of the waste classification should be in arrangement with the authorised waste disposal company.
Disposal of contaminated packaging :	Proceed in compliance with the prevailing regulations.
National regulations :	

### 14. TRANSPORT INFORMATION

UN Number :	unregulated
Road(ADR)/Rail(RID)/River(ADNR)	Not restricted for transport
Marine (IMO-IMDG)	Not restricted for transport
Airline (ICAO / IATA)	Not restricted for transport

**15. REGULATORY INFORMATION**

Risk phrases :	None
Safety phrases :	None
Other :	- Contains: Long chain alkaryl Calcium sulphonate Polyolefin polyamine succinimide May produce an allergic reaction
EU directives :	Hazardous preparations directive 1999/45/EC modified (Directive 2001/60/EC).
Social Security code :	
Labor code :	

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**16. OTHER INFORMATION**

<b>Explanations of R-phrases in section 2 :</b>	R-53 May cause long-term adverse effects in aquatic environments. R-41 Risk of serious damage to eye. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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This safety data sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.

**End of the safety data sheet**