

### Safety data sheet

#### 1. PRODUCT INFORMATION

Product Name Golden Film SAE 10W & 20 Classic Motor Oils, Supreme 10W & 20.  
Application **Engine Lubricant**  
Company **Morris Lubricants**  
Address **Castle Foregate, Shrewsbury, SY1 2EL, United Kingdom**  
Telephone No (+44) (0)1743 232200  
Fax No (+44) (0)1743 353584  
Email sds@morris-lubricants.co.uk

#### 2. HAZARDS

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification: R52/53

#### 3. COMPOSITION

Name	EC No.	% Mass	Classification
Calcium Long chain alkaryl sulphonate	271-877-7	<1%	R43, R53
Zinc alkyl dithiophosphate	272-028-3	1%	Xi, R41. N: R51/53
Highly refined mineral oil (C15-C50)	-	60-100%	NC
Calcium branched alkylphenol	-	<1%	Rep3; R62. Xi, R38.N; R50/53
Polyolefin polyamine succininide, polyol	-	1-5%	R53
Calcium branched chain alkyl phenate sulphide	291-829-9	1-5%	R53

The Full Text for all R-Phases are Displayed in Section 16.

#### 4. FIRST AID MEASURES

Inhalation If inhalation of mist fumes or vapour causes irritation to the nose or throat or coughing remove to fresh air. If symptoms persist obtain medical advice.

Skin contact Remove contaminated clothing. Wash skin thoroughly using soap and water.

Eye contact Rinse with plenty of water (also under eyelids) for at least 10 minutes and seek medical attention if symptoms persist.

Ingestion Seek medical attention if discomfort continues.  
**DO NOT INDUCE VOMITING.**

## Safety data sheet

### 5. FIRE-FIGHTING MEASURES

Extinguishing Media	Use carbon dioxide, foam or water spray. Prevent water used in spray from entering watercourses.
Not to be used	Direct water jet. (Use water only to keep fire exposed containers cool.)
Special fire fighting procedures	In the event of a large fire self-contained breathing apparatus should be worn.
WARNING	Heat from a fire could possible result in drums bursting.

### 6. ACCIDENTAL RELEASE MEASURES

Contain and collect spillage with help of absorbent materials such as floor granules. Protect drains from potential spills to minimise contamination. If spillage enters drains call Environment Agency Emergency hotline on 0800 807060. Product waste should be disposed of according to Item 13.

### 7. HANDLING & STORAGE

Handling	Precautions should be taken against skin and eye contact. Avoid inhalation of vapour mist or fume. Do not wear contaminated clothing. Wear safety shoes when handling containers.
Storage	Store away from sources of strong heat and strong oxidising chemicals. Keep containers tightly closed in a cool dry, well ventilated place. Take precautionary measures to prevent spills into drains, soil or water. External tanks or stillage should be banded.

### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

#### Engineering Measures

Ensure good ventilation. Use protective equipment and/or local ventilation when needed.

Avoid skin contact and inhalation of oil mist.

**Exposure Values** Comply with current local occupation exposure limit.

Name	Std	ST-mg/m <sup>3</sup>	LT- mg/m <sup>3</sup>
Highly refined mineral oil (C15-C50)	ACGIH	10mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

**Protection and Hygiene** Wash hands before breaks and immediately after handling the product. Thoroughly clean contaminated skin and change dirty clothing and equipment.

**Respiratory Protection** Oil Mist : respirator (combined particle and organic vapour filter type A2/P2)

## Safety data sheet

<b>Hand Protection</b>	Protective gloves (PVC, Nitrile rubber). For further information consult glove manufacturer for recommendations of glove type associated with your particular application, so that breakthrough times can be assessed. Show this data sheet
<b>Eye Protection</b>	Safety goggles if there is a risk of splashing
<b>Skin Protection</b>	Protective clothing when needed.

### 9. PHYSICAL & CHEMICAL PROPERTIES: typical data

Appearance at 20°C	Mobile liquid
Odour	Oil
pH	Neutral
Density at 15°C	0.880g/cm <sup>3</sup>
Viscosity at 40°C	32 to 60 cts
Flash Point (ASTM D93)	Greater than 180°C
Auto-ignition temperature	Greater than 300°C
Explosion Limits	N/A
Vapour pressure 20°C	<0.1 kPa
Solubility	Insoluble in water. Soluble in mineral oils and non-polar solvents.

### 10. STABILITY & REACTIVITY

Hazardous Reactions	Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use.
Thermal Decomposition	This material is combustible.
Hazardous decomposition products, which can be formed on heating: Carbon monoxide, carbon dioxide, oxides of nitrogen and sulphur.	

### 11. TOXICOLOGICAL INFORMATION

Eyes	Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.
Skin	Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis.
Inhalation	At normal ambient temperatures is unlikely to cause inhalation hazard because of low volatility.
Ingestion	Unlikely to cause harm if swallowed in small doses. Larger doses may cause nausea and diarrhoea.
Acute Toxicity	The refined mineral base oils used in this formulation are of low order of toxicity. LD50 (RAT) for base oil greater than 5g/kg.

## Safety data sheet

### 12. ECOLOGICAL INFORMATION

Mobility	Product does not evaporate from surface soil or water. Some components may penetrate the soil causing ground water contamination.
Degradability	Inherently but not readily biodegradable.
Bio accumulation	No evidence to suggest bio-accumulation will occur.
Aquatic toxicity	Spills on water will form a film which may cause damage to organisms.

### 13. DISPOSAL CONSIDERATION

Waste	Send to a Registered Waste Disposal Site using the services of a Registered Waste Disposal Contractor. Ensure conformance with local and national regulations.
Packaging	Labels should not be removed from containers until they have been cleaned. Empty containers may contain hazardous residues. Ensure conformance with local and national regulations.
Specific Advice	As supplied material should be considered as Special Waste and Disposal should conform with the relevant Regulations.
General	Under no circumstances should this product be disposed of by putting into drains soil or water courses.

### 14. TRANSPORT INFORMATION

Not classified for Transport in Europe.

U.N. Number:	N/A	Packaging Group:	N/A
Shipping Name:	N/A		
IMO Class:	N/A	Marine Pollutant:	No
ADR/RID:	N/A	ICAO/IATA:	N/A

### 15. REGULATORY INFORMATION

Labeling	No statutory label required.
Risk Phrases	R52/53 Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.
Safety Phrases	S60 This material and its containers must be disposed of as hazardous waste. Contains Calcium Long chain alkaryl sulphonate may cause an allergic reaction.
Statutory Instruments	The Health & Safety at Work Act 1974. Consumer Protection Act. Environmental Protection Act. COSHH Regulations CHIP Regulations.
Guidance	COSHH Essentials CHIP for everyone

## Safety data sheet

### 16. OTHER INFORMATION

Concawe Report No: 5/87 'Health aspects of lubricants.'

R Phrases used in Section 3

NC	Not Classified
R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to the eyes.
R43	May cause sensitization by skin contact.
R53	May cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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Changes: Sections 1,9, & 16

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