



**SAFETY DATA SHEET**  
COMMA - MOTORSPORT 5W50

**Page:** 1  
**Compilation date:** 10/08/2015  
**Revision No:** 16

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** COMMA - MOTORSPORT 5W50

**Product code:** MS\*L

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

**Use of substance / mixture:** Automotive engine oil.

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

**Company name:** Comma Oil & Chemicals Ltd.

Dering Way

Gravesend

Kent

DA12 2QX

**Tel:** +44 01474 564311

**Fax:** +44 01474 333000

**Email:** sales@commaoil.com

**1.4. Emergency telephone number**

**Emergency tel:** +44 01474 564311

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CHIP:** This product has no classification under CHIP.

**Classification under CLP:** This product has no classification under CLP.

**2.2. Label elements**

**Label elements:** This product has no label elements.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

**SAFETY DATA SHEET**  
COMMA - MOTORSPORT 5W50

Page: 2

LUBRICATING OILS (PETROLEUM), C20-C50, HYDROTREATED NEUTRAL OIL-BASED - REACH registered number (s): 01-2119474889-13-0000 / 01-2119474889-13-0003

EINECS	CAS	CHIP Classification	CLP Classification	Percent
276-738-4	72623-87-1	Substance with a Community workplace exposure limit.	Asp. Tox. 1: H304	50-70%

CALCIUM LONG CHAIN ALKARYL SULPHONATE #2

Polymer	Trade secret	-: R53	Aquatic Chronic 4: H413	1-10%
---------	--------------	--------	-------------------------	-------

ZINC BIS[O-(6-METHYLHEPTYL)] BIS [O-(SEC-BUTYL)] BIS(DITHIOPHOSPHATE) - REACH registered number(s): 01-2119543726-33

298-577-9	93819-94-4	Xi: R38; Xi: R41; N: R51/53	Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Eye Dam. 1: H318	<1%
-----------	------------	-----------------------------	--	-----

**Contains:** Hazardous ingredients present at or above regulatory disclosure limits.

#### Section 4: First aid measures

##### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Do not induce vomiting. Consult a doctor.

##### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

##### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Not applicable.

#### Section 5: Fire-fighting measures

##### 5.1. Extinguishing media

**Extinguishing media:** Dry chemical powder. Alcohol or polymer foam. Carbon dioxide.

##### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

##### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### Section 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

[cont...]

**SAFETY DATA SHEET**  
COMMA - MOTORSPORT 5W50

Page: 3

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**7.3. Specific end use(s)**

**Specific end use(s):** No special requirement.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/m <sup>3</sup> for oil mist	-	-	-

**Hazardous ingredients:**

**LUBRICATING OILS (PETROLEUM), C20-C50, HYDROTREATED NEUTRAL OIL-BASED**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	5mg/m <sup>3</sup>	-	-	-

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Gloves (oil-resistant).

**Eye protection:** Safety glasses.

**Skin protection:** Oil-resistant protective clothing.

[cont...]

**SAFETY DATA SHEET**  
COMMA - MOTORSPORT 5W50

Page: 4

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Gold-brown

**Odour:** Barely perceptible odour

**Evaporation rate:** Negligible

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Viscosity:** 107 mm<sup>2</sup>/s @ 40 C

**Flash point °C:** > 200

**Relative density:** 0.85 @ 20 C

**pH:** n/a

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat. Sources of ignition.

**10.5. Incompatible materials**

**Materials to avoid:** Oxidising agents.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

[cont...]

**SAFETY DATA SHEET**  
COMMA - MOTORSPORT 5W50

Page: 5

**LUBRICATING OILS (PETROLEUM), C20-C50, HYDROTREATED NEUTRAL OIL-BASED**

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	LC50	>5.53	mg/l

**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**LUBRICATING OILS (PETROLEUM), C20-C50, HYDROTREATED NEUTRAL OIL-BASED**

ALGAE	NOEL 72h	$\geq 100$	mg/l
FISH	LL50 96H	>100	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil. Non-volatile. Floats on water.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste code number:** 13 02 06

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

[cont...]

**SAFETY DATA SHEET**  
COMMA - MOTORSPORT 5W50

Page: 6

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** - -

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

**Phrases used in s.2 and s.3:** H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53: May cause long-term adverse effects in the aquatic environment.

**Legend to abbreviations:** PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

[cont...]

**SAFETY DATA SHEET**  
COMMA - MOTORSPORT 5W50

**Page: 7**

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular

PCP = physico-chemical properties

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. - - -