



SAFETY DATA SHEET
COMMA - X-FLOW TYPE G 5W40

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Compilation date: 13/07/2015
Revision No: 16

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

1.1. Product identifier

Product name: COMMA - X-FLOW TYPE G 5W40

Product code: XFG*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:

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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%

LUBRICATING OIL (PETROLEUM), C20-C50, HYDROTREATED NEUTRAL OIL-BASED #1 - REACH registered number(s): 01-2119474889-13-0000, 01-2119474889-13-0003

276-738-4	72623-87-1	Substance with a Community workplace exposure limit.	-	10-30%
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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%
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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.

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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/m3 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/m3	-	-	-

LUBRICATING OIL (PETROLEUM), C20-C50, HYDROTREATED NEUTRAL OIL-BASED #1

EU	5mg/m3	-	-	-
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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.

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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: 75 mm²/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...]

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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

LUBRICATING OIL (PETROLEUM), C20-C50, HYDROTREATED NEUTRAL OIL-BASED #1

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	≥ 100	mg/l
FISH	LL50 96H	>100	mg/l

LUBRICATING OIL (PETROLEUM), C20-C50, HYDROTREATED NEUTRAL OIL-BASED #1

ALGAE	NOEL 72h	≥ 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

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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.

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.

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.

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

[cont...]

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MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

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. - - -