

MATERIAL SAFETY DATA SHEET

"READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET
BEFORE HANDLING OR DISPOSING OF PRODUCT"

40704 DELO 1000 MARINE 40

1. PRODUCT AND COMPANY NAME

PRODUCT CODE AND NAME

40704 DELO 1000 MARINE 40

DESCRIPTION

Marine Oils

COMPANY

Chevron Products UK Limited

1 Westferry Circus

Canary Wharf

London E14 4HA

United Kingdom

Tel : 0044/20 77 19 3000

Fax : 0044/20 77 19 5171

Emergency Phone Number : 0044/(0)18 65 407 333

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	% Wt	CAS No.	EC No.
Mineral oil	80 - 94,99	*	*
Ca-branched / linear alkylphenate / salicylate sulfide	3 - 9,99	*	*
Xi R 43	May cause sensitisation by skin contact.		
R 53	May cause long-term adverse effects in the aquatic environment.		
Zinc alkyldithiophosphate	< 2,5	68649-42-3	272-028-3
Xi R 41	Risk of serious damage to eyes.		
N R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.		

(IP 346 DMSO extract < 3%)

* : Mineral oil : EC-N°s : 265-169-7 ; 295-426-9 ; 265-166-0 ; 265-101-6

* : Ca-branched / linear alkylphenate / salicylate sulfide : EC-N°s : 291-829-9 ; 281-01-88

3. HAZARDS IDENTIFICATION

Product classification

Acute effects of exposure to man

Inhalation

SENSITISING (SKIN)

Vapours or mist in unusually high concentrations, as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness.

Skin contact

This product contains a material that is a potential skin sensitiser. Prolonged and repeated contact with this product may cause an allergic skin reaction in sensitive, exposed persons.

Eye contact

May cause minimal irritation, experienced as temporary discomfort.

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Ingestion

No adverse effects expected. If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhoea may occur.

Chronic effects of exposure to man

Medical conditions aggravated by exposure

Because of its defatting properties, prolonged and repeated skin contact may aggravate an existing dermatitis (skin condition).

Effects of exposure to the environment

May form an oil film leading to deoxygenation of water and possible harmful effects on aquatic life.

4. FIRST AID MEASURES

Route of exposure

Inhalation

If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

Skin contact

Wash skin with plenty of soap and water until all traces of material are removed. Remove and clean contaminated clothing and shoes. Get medical attention if skin irritation persists or skin contact has been prolonged.

Eye contact

Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

Ingestion

Do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious or convulsing person.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use water fog, dry powder, foam or carbon dioxide. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water fog to disperse the vapours and to provide protection for personnel attempting to stop the leak.

Extinguishing media which must not be used for safety reasons

Water jet

Special exposure hazards arising from the substance or preparation itself,

combustion products, resulting gases

None

Special protective equipment for firefighters

The nature of special protective equipment required will depend upon the size of the fire, the degree of confinement of the fire and the

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natural ventilation available. Fire-resistant clothing and self-contained breathing apparatus is recommended for fires in confined spaces and poorly-ventilated areas. Full fire-proof clothing is recommended for any large fires involving this product. In case of fire - Always call the fire brigade. Small fires, such as those capable of being fought with a hand-held extinguisher, can normally be fought by a person who has received instruction on the hazards of flammable liquid fires. Fires that are beyond that stage should only be tackled by people who have received hands-on training. Ensure escape paths available.

6. ACCIDENTAL RELEASE MEASURES

Procedures in case of accidental release or leakage

Avoid contact with skin. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways.

7. HANDLING AND STORAGE

Handling

Avoid skin contact.

Storage

Avoid breathing vapours.

Specific use (s)

Keep containers closed when not in use. Store at ambient temperature.

For intended product uses please refer to the Product Information Leaflet (PIL)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection

Airborne concentrations should be kept to lowest levels possible. If vapour or mist is generated, use approved respirator as appropriate.

Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces.

Hand and skin protection

Avoid skin contact. Gloves recommended. When contamination has occurred, workers should wash exposed skin with soap and water. Soiled clothing should be laundered or dry cleaned.

Eye protection

Chemical type goggles or face shield recommended to prevent eye contact.

Exposure limit for the product

Oil mist, mineral (excluding metalworking fluids)

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: TWA : 5 mg/m³ ; STEL : 10 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Odour	Mineral oil
Flash point (ASTM D92), °C	min 220
Relative density	0.893 kg/L @ 15 °C
Viscosity	135 mm ² /s @ 40 °C

10. STABILITY AND REACTIVITY

<u>Materials to avoid</u>	Strong oxidising agents.
<u>Hazardous decomposition products</u>	Oxides of carbon, aldehydes and ketones.

11. TOXICOLOGICAL INFORMATION

Acute

Inhalation

High concentrations of vapours or mist are likely to be irritating to the respiratory tract and may cause nausea, dizziness, headaches and drowsiness.

Skin contact

This product contains a material that is a potential skin sensitiser. Prolonged and repeated contact with this product may cause an allergic skin reaction in sensitive, exposed persons.

Eye contact

Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

Ingestion

Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.

Chronic

Repeated skin contact may cause a persistent irritation or dermatitis.

12. ECOLOGICAL INFORMATION

Mobility

Spillages may penetrate the soil causing ground water contamination.

Persistence and degradability

According to EC criteria : Not readily biodegradable

Potential to bioaccumulate

Not determined.

Aquatic toxicity

Not classified as toxic.

13. DISPOSAL CONSIDERATIONS

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Disposal

Dispose in accordance with local laws and regulations governing disposal of waste oil.

14. TRANSPORT INFORMATION

transport

Not regulated

15. REGULATORY INFORMATION

Classification/Labeling information

Under the criteria of Directive EEC/67/548 (dangerous substances) and EEC/1999/45 (dangerous preparations) :

Symbol (letter notation) + Indication of danger

Xi IRRITANT

Risk phrases

Xi R 43 May cause sensitisation by skin contact.

Safety phrases

S 36/37 Wear suitable protective clothing and gloves.

S 28 After contact with skin, wash immediately with plenty of soap and water.

Hazardous ingredients

Ca-branched / linear alkylphenate / salicylate sulfide

16. OTHER INFORMATION

Full text of risk phrases

N R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Xi R 43 May cause sensitisation by skin contact.

R 53 May cause long-term adverse effects in the aquatic environment.

Xi R 41 Risk of serious damage to eyes.

2, 3, 7, 8, 9, 15, 16

Changes were made in sections :

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All information contained in this Material Safety Data Sheet and, in particular, the health and safety and environmental information is accurate to the best of our knowledge and belief as at the date of issue specified. However, the Company makes no warranty or representation, express or implied, as to the accuracy or completeness of such information.

The provision of this Material Safety Data Sheet is not intended, of itself, to obviate the need for all users to satisfy themselves that the product described is suitable for their individual purposes and that the safety precautions and environmental advice are adequate for their individual purposes and

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situation. Further, it is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product.

The company accepts no responsibility for any injury, loss or damage, consequent upon any failure to follow the safety and other recommendations contained in this Material Safety Data Sheet, nor from any hazards inherent in the nature of the material, nor from any abnormal use of the material.

"Data sheet prepared by TEXACO BELGIUM N.V.

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