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MATERIAL SAFETY DATA SHEET

SAE 15W40 CK-4

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name SAE 15W40 CK-4
Manufacturer/Supplier OILFLOW cc
P.O. Box 14527
562 Crocker Road, Wadeville, Germiston, South Africa
1422
Health Emergency Telephone 011 827 5848
Oilflow Website: www.oilflow.co.za

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Product

Component Name	Concentration	R Phrases	Classification
SOLVENT REFINED MINERAL OIL	90.00 – 82.00	Asp. Tox. H304	May lead to congestion of airways
PERFORMANCE AGENTS	10 - 18.0	Xn	Harmful if swallowed

3. HAZARD IDENTIFICATION

Main Hazards Not hazardous according to OSHA 29 CFR 1910.1200
Health Effects – Eyes May cause irritation to the eyes.
Health Effects – Skin No hazard provided normal cleansing is carried out.
Health Effects – Ingestion No problems expected for minor ingestion. However, for amounts exceeding ½ liter give 1 or 2 glasses of water and call a doctor.
Health Effects – Inhalation May cause irritation, dizziness or nausea if inhaled over a prolonged period, especially whilst hot.

4. FIRST AID MEASURES

First Aid – Eyes Flush thoroughly with water. If irritation occurs, call a doctor.
First Aid – Skin Wash skin with soap and water.
First Aid – Ingestion Wash out mouth with water. Obtain medical attention. Do not induce vomiting.
First Aid – Inhalation Remove from exposure and if the patient experiences irritation, nausea or unconsciousness seek medical assistance.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use foam, dry chemical, carbon dioxide or water fog.
Unsuitable Extinguishing Media Do not use water jet.
Special Hazards of Product No special hazards
Protective Equip. for Fire-Fighting Wear self-contained breathing apparatus for fires in enclosed spaces.

6. ACCIDENTAL RELEASE MEASURES





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Personal Precautions
Environmental Precautions
Spillages

Material can create slippery conditions underfoot.
Try to prevent the material from entering drains or watercourses.
Contain and absorb using diatomaceous earth or other inert materials.
Transfer into suitable containers for disposal

7. HANDLING AND STORAGE

Handling
Storage

No special precautions are required.
Storage temperature should be controlled to between 1 and 40°C. Where outside storage drums is unavoidable, they should be stored horizontally to avoid ingress of water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards
OIL MIST, MINERAL
Engineering Control Measures

UK EH40: OES 5mg/m³ 8 h TWA. UK EH40: OES 10mg/m³ 15 min TWA.
Exposure to this material may be controlled in several ways. The measures appropriate
For a worksite depend on how the material is used and on the potential for exposure.
Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Respiratory Protection
Hand Protection

Respiratory protection is not normally required.
No special protection needed. However, good personal hygiene practices should always be followed

Eye Protection
Body Protection

Chemical goggles if there is a risk of eye contact.
Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Brown
Odour	Petroleum odour
pH	N/A
Boiling Range/Point (°C)	No data
Flash Point (PMCC) (°C)	Exceeds 180
Solubility in Water (kg/m³)	Insoluble
Density (kg/m³) @20 °C	0.887
Auto-flammability (°C)	Above 350
Viscosity (cSt) (°C)	110

10. STABILITY AND REACTIVITY

Stability
Conditions to Avoid
Materials to Avoid
Hazardous Decomposition Products

Stable under normal conditions
Strong oxidation
Strong oxidizing agents
Combustion will generate carbon monoxide and smoke, possibly thick and choking, resulting in zero visibility.
May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

REACTIVITY:



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11. TOXICOLOGICAL INFORMATION

Acute Toxicity Low order of acute toxicity

12. ECOLOGICAL INFORMATION

Mobility The product will leach into soil and will float on water.
Persistence/Degradability The product is expected to biodegrade very slowly with time.
Ecotoxicity

13. DISPOSAL

Product Disposal Dispose of in accordance with all applicable local and national regulations.
The product may also be burned in an enclosed burner.
Container Disposal An approved drum recycler can recycle containers.

14. TRANSPORT INFORMATION

UN Class Not classified
IMO Class Not classified
IMDG Class Not classified
IATA Class Not classified

15. REGULATORY INFORMATION

Labelling Information Irritant
Government Inventory Status Not established
US Superfund Amendments This product contains no "Extremely Hazardous Substances"

16. OTHER INFORMATION

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Product Use Automotive engine oil

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.

