

PO Box 14527, Wadeville 1422
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E-mail: oilflow@oilflow.co.za
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MATERIAL SAFETY DATA SHEET

Fleetline Calibration Fluid

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Fleetline Calibration Fluid
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
Synthetic hydrocarbon	40 – 70 %
Low Aromatic White Spirit	30 – 60 %

3. HAZARD IDENTIFICATION

Main Hazards	Hazardous according to OSHA 29 CFR 1910.1200
Health Effects – Eyes	May cause irritation and damage to the eyes.
Health Effects – Skin	No hazard providing normal cleansing is carried out.
Health Effects – Ingestion	No problems expected for minor ingestion. However, for amounts exceeding ½ litre 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.

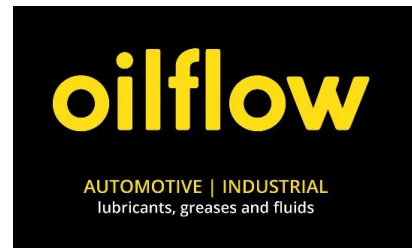
4. FIRST AID MEASURES

First Aid – Eyes	Flush thoroughly with water. Irrigate with water or eye wash solution. If irritation occurs, call a doctor.
First Aid – Skin	Wash skin with plenty of 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.



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5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical dioxide foam 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.
Fire hazards/conditions of flammability:	Combustible liquid. This material may be ignited when exposed to extreme heat, direct flame and other sources of ignition. Vapors are heavier than air and will collect in low-lying areas and confined spaces. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Product will float and may be re-ignited at the water's surface.
Flammability classification (OSHA 29 CFR 1910.1200):	Combustible liquid Class II.
Flash point (Method)	: 40.6o
C / 105o	
F (TCC)	
Auto-ignition temperature	: N/Av
Lower flammable limit (% by volume)	: N/Av
Upper flammable limit (% by volume):	N/Av
Explosion data:	Sensitivity to mechanical impact / static discharge: Not expected to be sensitive to mechanical impact or static discharge.
Suitable extinguishing media:	Use water fog, dry chemical, carbon dioxide or foam.
	Special fire-fighting procedures/equipment: Firefighters should wear proper protective equipment and a self-contained breathing apparatus. Move containers from fire area if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors, and cooling equipment and containers exposed to heat and flame. Avoid spreading burning liquid with water spray used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

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



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7. HANDLING AND STORAGE

Safe handling procedures

This material is a combustible liquid. Wear appropriate protective equipment during handling. Use in a well-ventilated area. Avoid inhalation of vapors. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Keep away from heat, flame and other sources of ignition. Use non sparking tools. Ground all equipment during handling operations. Keep away from incompatibles (see Section 10). Use caution when opening cap. Keep container tightly closed when not in use. Assume empty containers contain residues, which are hazardous.

Storage requirements:

Store in a cool, dry, well-ventilated area away from all sources of ignition, incompatible materials and direct sunlight. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.

Special packaging materials
supply container.

Always keep in containers made of the same materials as the

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards
OIL MIST, CHEMICAL

UK EH40: OES 5mg/m³ 8 h TWA. UK EH40: OES 10mg/m³ 15 min TWA.

Engineering Control Measures

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
Colour
Odour
pH

Liquid
Clear
Solvent-like
Not Available



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Specific gravity (kg/m ³) @20°C	0.7961 kg/m ³
Boiling Range/Point (°C)	156°C – 179 °C
Flash Point (PMCC) (°C)	Exceeds 40 °C
Solubility in Water (kg/m ³)	Insoluble
Vapor pressure (mmHg)	1.1 @ 20°C
Vapor density (Air=1)	Heavier than air
Percent Volatile by Volume	100%

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Hazardous polymerization	Will not occur.
Conditions to Avoid	Extreme heat
Materials to Avoid	Strong oxidizing agents
Hazardous Decomposition Products	Combustion will generate carbon monoxide and smoke, possibly thick and choking, resulting in zero visibility.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Low order of acute toxicity
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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.

13. DISPOSAL

Product Disposal	Dispose of in accordance with all applicable local and national regulations. Recovered material should be packaged, labeled, transported, disposed of or reclaimed in compliance with applicable laws and regulations and in conformance with good safety and engineering practices.
Container Disposal	An approved drum recycler can recycle containers.

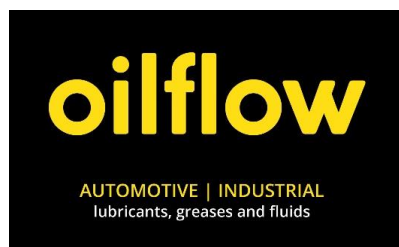
14. TRANSPORT INFORMATION

US 49 CFR information:



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Proper Shipping Name:	Petroleum distillates, n.o.s.
Hazard Class -	Primary: 3
Identification No.:	UN1268
Hazard Class(es) - Subsidiary:	None Packing Group: III
RQ Components:	None
Marine Pollutant:	None

15. REGULATORY INFORMATION

Labelling information	Irritant
Government Inventory Status	Not established.
US Superfund Amendments	This product contains no "Extremely Hazardous Substances"
TSCA information:	All ingredients are listed on the TSCA inventory.
CERCLA Reportable Quantity (RQ) (40 CFR 117.302):	None
Sec. 302, Extremely Hazardous Substances, 40 CFR 355:	No Extremely Hazardous Substances are present.
Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes:	Immediate (Acute); Delayed (Chronic); Fire Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds for extremely hazardous substances are 500 pounds or the individual chemical's threshold planning quantity (TPQ), whichever is lower; and 10,000 pounds for all other hazardous chemicals.
Sec. 313, Toxic Chemicals Notification, 40 CFR 372:	This material may be subject to SARA notification requirements, since it contains 1,2,4-Trimethylbenzene, a Toxic Chemical constituent above its de minimus concentration.
Note:	1,2,4-Trimethylbenzene is present only as a component of a complex mixture (CAS# 8052-41-3)
US State Right to Know Laws:	

16. OTHER INFORMATION

MSDS Issue date	01 July 2018
MSDS Revision date	01 May 2020
Product Use	General Purpose Calibration Fluid

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.

