

PO Box 14527, Wadeville 1422  
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## MATERIAL SAFETY DATA SHEET

### Fleetline Engine Flush

#### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	Engine Flush
<b>Manufacturer/Supplier</b>	OILFLOW CC 562 Crocker Road, Wadeville, Germiston, South Africa 1422
<b>Health Emergency Telephone</b>	011 827 5848
<b>Oilflow Website:</b>	<a href="http://www.oilflow.co.za">www.oilflow.co.za</a>

#### 2. COMPOSITION/INFORMATION ON THE COMPONENTS

Composition	Concentration
Aromatic Hydrocarbons	10 – 30%
Distillates, Kerosine,	10- 30%
Hydrotreated Light	10- 30
Zinc Diakylidithiophosphate	<0.5

#### 3. HAZARD IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
CLASSIFICATION (1999/45) R52/53.

##### ENVIRONMENT

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

#### 4. FIRST AID MEASURES

First Aid – Eyes	Flush eyes immediately with fresh water for several minutes while holding the eye lids open. If irritation persists see a doctor.
First Aid – Skin	Remove and launder contaminated clothing, including shoes. Wash skin thoroughly with water and soap Wash skin thoroughly with soap and water.
First Aid – Ingestion	If swallowed and person is conscious, give water or milk to drink seek prompt medical advice. DO NOT make person vomit unless directed to do so by medical personnel. If medical advice cannot be obtained, take the person with product container and label to the nearest medical emergency treatment centre or hospital. Never give anything by mouth to an unconscious person.



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First Aid – Inhalation	If there are signs or symptoms as described in this MSDS due to breathing this material, move the person to fresh air. If breathing has stopped, apply artificial respiration. Call a doctor.
Advice to Doctor	This product may present an aspiration hazard. See related comments in this MSDS. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing as adverse effects of aspiration into the lungs may be delayed.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media	Suitable extinguishing media
Fire Extinguishing Agents	CO2, powder, or water spray. Fight larger fires with water spray or alcohol resistant foam

## 6. ACCIDENTAL RELEASE MEASURES

In Case of Spill:	Ventilate area.
Personal precautions:	Protective equipment and emergency procedures,
Wear protective equipment:	Keep unprotected persons away

## 7. HANDLING AND STORAGE

Handling	Precautions for safe handling Ensure good ventilation/exhaustion at the workplace, do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
Storage	Store in a cool location

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes	Avoid eye contact. The wearing of chemical safety goggles or face shield is recommended.
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Skin	Avoid contact with skin or clothing. Skin contact can be minimized by wearing impervious protective clothing including gloves. Protective clothing made from neoprene, nitrile, or n-butyl rubber is suitable in these applications.
Inhalation	May cause irritation to mucus membranes. Move exposed person to fresh air.
Ventilation	No special ventilation is usually necessary. However, if operating conditions create high airborne concentrations of this material, engineering controls may be needed. Local exhaust ventilation and/or enclosure of the process is preferred in these cases.
Exposure Limits	None established for product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Colour	Clear Liquid Brown
Odour	Oily smell
Density (kg/l at 20°C)	0.85
Vapor Density	Not Determined
Solubility (water)	Insoluble
Boiling Point	>150°C
Viscosity@40°C	8cSt
Flash point (°C)	68

## 10. STABILITY AND REACTIVITY

Stability	No stability concerns.
Material to avoid	No incompatible groups noted.
Hazardous decomposition products	None under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	LD50/ Oral/Rat= 143000 mg/kg
Skin Irritation	LD50/Oral/Mouse/=11500 mg/kg
Eye irritation	May cause irritation
No adverse health effects are known or expected under normal use	



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#### 12. ECOLOGICAL INFORMATION

Environmental Effects	Dangerous for the environment if discharged into watercourses The product contains a substance which is harmful to aquatic Organisms and which may cause long term adverse effects in the Aquatic environment
Bioaccumulation	No data available on bioaccumulation
Degradability	There are no data on the degradability of this product

#### 13. DISPOSAL

Waste Disposal	Check governmental regulations and local authorities for approved Disposal of this material.
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#### 14. TRANSPORT INFORMATION

Un Class	Not Applicable
DGC	Not Applicable
Proper Shipping Name	Not Applicable
Hazchem Code	Not Applicable
Additional Information	None Determined

#### 15. REGULATORY INFORMATION

Respirator	Respirators must follow AS/NZS 1715/1716 standard for approved respirators.
Information	In the absence of local approved authorities, follow US NIOSH/MSHA, UK BSI, or joint Australia – New Zealand A/NZS 1715/1716

#### 16. OTHER INFORMATION



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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.

First issue date: October 2020

