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Wadeville

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MATERIAL SAFETY DATA SHEET FLEETLINE ENGINE CLEANER SOLVENT BASE

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: FLEETLINE ENGINE CLEANER SOLVENT BASE
Product Use: Engine Cleaner
Manufacturer/Supplier: OILFLOW
WADEVILLE
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 / Classification	Codes	Concentration	R Phrases
SOLVENT		95%	H223,H303, H304
SURFACTANT		5%	Xn P271

3. HAZARD IDENTIFICATION

Main Hazards: Hazardous according to OSHA 29 CFR 1910.1200
Eyes: May cause irritation and damage to the eyes.
Skin: No hazard provided normal cleansing is carried out.
Ingestion: No problems expected for minor ingestion. However, for amounts exceeding ½ litre give 1 or 2 glasses of water and call a doctor.
Inhalation: May cause irritation, dizziness or nausea if inhaled over a prolonged period, especially whilst hot.

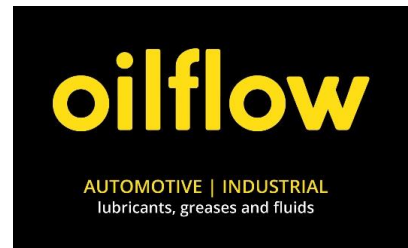
4. FIRST AID MEASURES

Eyes: Flush thoroughly with water. Irrigate with water or eye wash solution. If irritation occurs, call a doctor.
Skin: Wash skin with plenty soap and water
Ingestion: Wash out mouth with water. Obtain medical attention. Do not induce vomiting.
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 Firefighting: Wear self-contained breathing apparatus for fires in Enclosed spaces.

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.

7. HANDLING AND STORAGE

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

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 a number of ways. The measures appropriate for a particular 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: Respiratory protection is not normally required.

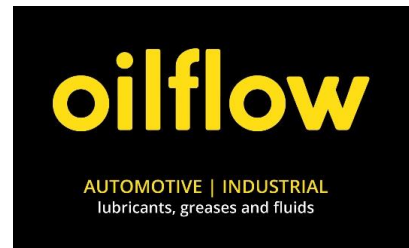
Hand Protection: No special protection needed. However, good personal hygiene practices should always be followed.

Eye Protection: Chemical goggles if there is a risk of eye contact.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Blue
Odour	Faint
pH	Alkaline
Boiling Range/Point (°C)	Boils above 80°C
Flash Point (PMCC) (°C)	Exceeds 68°C
Solubility in Water (kg/m ³)	Soluble
Density (kg/m ³)	0.788 kg per litre
Auto-flammability (°C)	Above 70° C
Viscosity (cSt)	

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
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

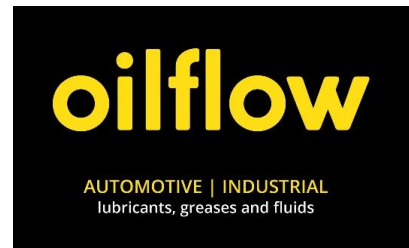
Acute Effects

Ingestion:	If swallowed may cause gastrointestinal tract discomfort, oedema and mucosal ulceration. Symptoms may be burning sensation of mouth and throat, also nausea, vomiting, feeling weak or dizzy. Vomiting may lead to aspiration into lungs and chemical pneumonitis.
Eye contact:	Irritation of eyes, tearing and redness. Large splashing may lead to blurred visions and blindness.
Skin Contact:	Irritation to the skin, defatting leading to dry and cracked skin and dermatitis.
Inhalation:	This may lead to discomfort of the respiratory tract, drowsiness and dizziness and narcosis, lack of co-ordination.
Chronic Effects	Symptoms include dizziness, weakness, irritability, lack of concentration and memory loss
Other Health Effects:	N/A
Toxicological Information:	Dermal, LD ₅₀ rat 4700mg/kg Inhalation LC ₅₀ (4hr) rat 3.1 mg/L



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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.
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"

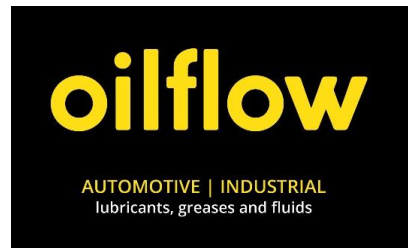
16. OTHER INFORMATION

Date of Issue: August 2019
Reason for Issue: Change to format, Rearrange sections
Replaces: Previous issue of 16 April 2015



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Abbreviations:

CAS No.	Chemical Abstract Number
ERMA	Environmental Risk Management Authority
HSNO	Hazardous Substances and New Organisms
NZCI	New Zealand Chemical Inventory
STEL	Short Term Exposure Limit
TWA	Time Weighted Average
WES	Workplace Exposure Standards

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.

