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MATERIAL SAFETY DATA SHEET

Fleetline Vacuum Pump Oil

1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|-----------------------------------|--|
| Trade Name | FLEETLINE VACUUM PUMP OIL |
| 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 | >98 | | |
| Performance agents | <2 | | |

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 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 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



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| 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. |

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/m ³ 8 h TWA. UK EH40: OES 10mg/m ³ 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 | 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. |
| Body Protection | Normal work wear. |



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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-----------|
| Physical State | Liquid |
| Colour | Amber |
| Odour | Faint |
| pH | N/A |
| Boiling Range/Point (°C) | > 320 |
| Flash Point (PMCC) (°C) | > 200 |
| Solubility in Water (kg/m ³) | Insoluble |
| Density (kg/m ³) | 0.875 |
| Auto-flammability (°C) | >350 |
| Viscosity (cSt) @40 °C | 46 typ. |

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 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. |

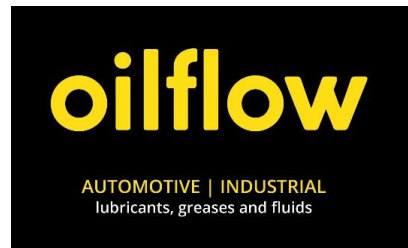
13. DISPOSAL

| | |
|--------------------|--|
| Product Disposal | Dispose of in accordance with all applicable local and national regulations. |
| Container Disposal | An approved drum recycler can recycle containers. |



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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

| | |
|-------------------|------------------|
| MSDS First Issued | 01 May 2018 |
| MSDS Data Revised | 01 May 2020 |
| Product Use | Vacuum Pump 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.

PREPARED BY: TECHNICAL SERVICES

