

PO Box 14527, Wadeville 1422
562 Crocker Road
Wadeville, Johannesburg

Tel: (011) 827-5848
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E-mail: oilflow@oilflow.co.za
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MATERIAL SAFETY DATA SHEET

Blixem Citronella Oil

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	Blixem Citronella Oil
Manufacturer/Supplier	OILFLOW LUBRICANTS P.O.Box 14527 Wadeville 1422
Phone Number	(011) 827-5848
Fax Number	(011) 827-5832

2. HAZARDS IDENTIFICATION

Product is classified as hazardous according to Schedules 1 to 6 of the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 of the HSNO Act, 1996.

HSNO Classifications : 3.1C, 6.1E, 6.3B

Signal word **WARNING**

Hazard Statement :

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat, open flames, hot surfaces. No smoking

P233 Keep container tightly close.

P241 Use explosion proof electrical/ventilating/lighting equipment.

P242 Use only non-sparking tools.

3. INFORMATION ON HAZARDOUS INGREDIENTS

Naphta petroleum distillates	64741-65-7	30 - 60
Light Distillates	64742-47-8	30 - 60
Citronella	8000-29-1	1

4. FIRST AID MEASURES

For advice contact your local doctor with the label of the container at hand.



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Swallowed

If swallowed, do not induce vomiting, rinse mouth and give water to sip, if vomiting persists, bend head closer to hips to avoid vomitus entry into lungs .

Skin Contact

If skin contact occurs, remove contaminated clothing and pass running water to affected skin.

Eye Contact

If splashed on eyes, hold the eyelids apart and pass running water for 15 minutes. If irritation occurs, contact the physician.

Inhalation

Retreat to get fresh air immediately. Seek medical attention if rapid recovery does not occur.

5. FIRE FIGHTING MEASURES

Flashpoint 38°C

Flammable limits LFL and UFL not determined.

Extinguishing media :

Foam, CO₂ or dry chemical . Use spray jets or water fog on large fires.

Fire & Explosion hazards

Flammable liquids and vapour. The vapour forms explosive mixture with air. Do not breathe smoke!

Firefighting Equipment:

Full protective clothing and self-contained breathing apparatus.

In the event of fire :

Notify the Fire Brigade, indicate location and nature of hazard.

Keep by-standers away.

Wear breathing apparatus.

Eliminate source of fire!

Switch off electrical hazard.

Allow trained personnel to attend to the fire!

Prevent product and extinguishing media from going into drains and waterways.



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Hazards from combustion products:

Product will emit toxic fumes of carbon dioxide.

Hazchem Code 3Y

6. ACCIDENTAL RELEASES.

Emergency Procedures & Containment :

Refer to "Fire Fighting Measures" and "First Aid Measures "

Minor Spills

Clean up spill immediately.

Remove all ignition sources.

Wear protective clothes.

Seal container and dispose of safely.

Major Spills

Notify the Fire Brigade

Wear correct PPE.

Contain spill with sand, saw dust!

Use spark free shovels and explosion proof equipment.

Prevent spill entry into drains, waterway, and sewers.

If entry into sewers occurs, notify Emergency department or the local authority.

7. HANDLING AND STORAGE.

Precaution for safe handling :

Read product label before use. Use in well ventilated areas. smoking, hot surfaces or naked lights. Avoid generation of static electricity. Avoid all personal contact and inhalation. Wear correct PPE. Wash and with soap after handling.

Condition for safe handling.



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Store in original package in a cool dry well-ventilated place. Keep out of reach of children. Check container periodically for leaks and or distortion.

Incompatible materials

Oxidising agents.

8. EXPOSURE CONTROLS : PERSONAL PROTECTION.

Health Exposure Standards :

Petroleum Distillates 165 ppm (1200 mg/m³)

Biological limits : None established.

Engineering Controls :

Ventilation : Avoid breathing vapours, and use outdoors in well ventilated places

Personal Protective Equipment :

Respiratory Protection : Not normally required, use an SAA approved respirator in confined spaces.

Eye Protection : Protect eyes from splashes with goggles or use safety glasses with side shields.

Skin or Body Protection : Wear PVC gloves, safety footwear or gum boots.

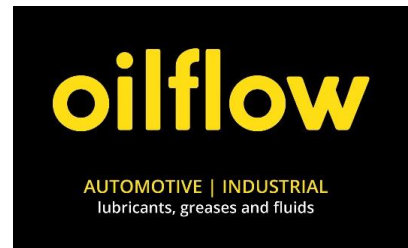
9. PHYSICAL AND CHEMICAL PROPERTIES.

Property	Unit of measure	Typical value
Appearance	-	Clear orange liquid
Odour	-	Solvent
Flash Point	°C	38°C
Density	kg/l	0.780 - 0.810
Vapour pressure	kPa	Not available
Explosive limits in air	%	Not available
Viscosity	cSt	Not available
Volatiles	%vol/vol	>99



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Solubility in water %w/w Immiscible

10. STABILITY AND REACTIVITY.

Chemical Stability Stable at room temperature and pressure
Condition to avoid Contact with oxidising agents, nitrates, chlorine, bleach and pool HTH.
Hazardous decomposition products N/A

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, LD₅₀. rat 4700mg/kg

Inhalation LC₅₀ (4hr) rat 3.1 mg/L

12. ECOLOGICAL INFORMATION.

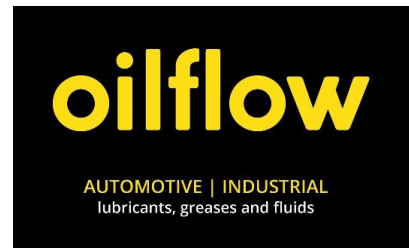
Eco toxicity :

Aquatic toxicity : Classified as toxic to aquatic animals , however, does not contain eco toxic ingredients



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Persistence/Degradability : Not expected to be persistence or bio accumulative.

Mobility : Product not miscible with water

Other Information : Citronella oil

Rainbow trout LC₅₀ (96hr) 17.3mg/kg

Daphna magna EC₅₀(48hr) 26.4mg/L

Environmental Exposure Standard : EEL_(WATER) EEL_(SOIL) EEL_(SEDIMENTS) has not been set yet.

13. DISPOSAL CONSIDERATIONS.

Disposal methods

Recycle empty containers through a reputable qualified or licensed contractor as packaging may still contain product vapour.

14. TRANSPORT INFORMATION.

UN Number: 1993

Shipping name : FLAMMABLE LIQUID. N.O.S

Class : 3

Packaging group : III

Hazchem Code : 3Y

Dangerous Goods Segregation

This product is classified as Dangerous Goods Class 3.

Please consult NZS 5433:2007 Transport of Dangerous Goods on Land information.

15. REGULATORY INFORMATION.

Labelling according to EU guidelines

Observe the general safety regulation when handling chemicals!

Other Regulations

OSHA : Hazardous by definition of Hazardous Communication Standard(29CFR 1910.1200)

WHMIS (Canada):



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Class III Combustible liquid with a flash point of 38^oC

16. OTHER INFORMATION.

Date of Issue : 16 April 2015

Reason for Issue : Change to format, Rearrange sections.

Replaces: Previous issue of 2009

Revision date: 01 May 2020

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

