



INDY CHAIN & CUTTER BAR LUBRICANT

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	INDY Chain & Cutter Bar Lubricant
Description	Solvent refined paraffinic oil with selected additives.
Validation Date	July 2009
Manufacturer	INDY OIL S.A. Pty Ltd 4-6 Platinum Road Montague Gardens Cape Town South Africa 7435
In Case of Emergency	Tel. +27 (21) 552 2330 T Potheary +27 83 310 9999

2. COMPOSITION

INDY Chain & Cutter Bar Lubricant is used on the chain & cutter bar of chainsaws. It contains <5% high molecular Polyisobutylene and other selective additives.

3. HAZARDS IDENTIFICATION

Human Health Hazards	No specific hazards under normal use conditions. Exposure limit for oil mist applies. Prolonged or repeated exposure may give rise to dermatitis.
Safety Hazards	Not classified as a flammable but will burn.
Environmental Hazards	The product is not readily biodegradable. Expected to have a potential to bioaccumulate.
Other information	Not classified as dangerous for supply or conveyance.

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4. FIRST AID MEASURES

Not expected to give rise to an acute hazard under normal conditions of use.

Inhalation	In the event of dizziness or nausea, remove casualty to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Do not induce vomiting. Wash out mouth with water and obtain medical attention.
Skin Contact	Wash skin with soap and water. Remove contaminated clothing. Clothing must be laundered before reuse. If irritation persists, obtain medical attention.
Eye Contact	Flush eyes with clean water. Get medical attention if irritation develops.

5. FIRE -FIGHTING MEASURES

Combustion is likely to give rise to a complex mixture of airborne solid and liquid particles and gases, including carbon monoxide, oxides of nitrogen, oxides of sulphur, etc. Product will float on water.

Extinguishing Media:	Foam or dry chemical powder. Carbon dioxide, sand or earth can be used for small fires. Keep containers exposed to the fire cool by spraying with water.
Protective Equipment	Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Do not breathe vapour or mists. Avoid contact with skin, eyes and clothing.
Environmental precautions	Prevent from entering into drains, ditches or rivers. Use appropriate containment to avoid environmental contamination. Inform local authorities if this cannot be prevented. Use sand, earth or other absorbing material to contain spills.
Clean-up methods	Liquid can be contained by making a barrier with sand, earth or other containment material. Reclaim liquid directly, or in an absorbent. Dispose of in accordance with local regulations. Inform emergency services if liquid enters surface water drains.

7. HANDLING AND STORAGE

Prevent spillages. Carry out a health risk assessment to determine safe handling procedures and equipment that are necessary to avoid contact. Store in a cool, dry, well ventilated place. Avoid extremes of heat and strong oxidising agents. Product can be stored in mild steel or high density polyethylene tanks.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Occupational Exposure	The control measures appropriate for a particular worksite depends on how this material is used and the extent of exposure. The best protection is to use the product in well-ventilated areas.
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Personal Protection

If engineering controls and work practices are not effective in controlling this material, then wear suitable personal protection equipment, including safety goggles or face shield, boots, impervious gloves, overalls and breathing apparatus.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Liquid at ambient temperature
Density at 20°C (kg/l)	0.9
Viscosity at 40°C (mm²/s)	125
Flash Point (°C)	>230

10. STABILITY AND REACTIVITY

Stability	The product is stable.
Materials to avoid	Strong oxidising agents.
Conditions to avoid	Extremes of temperatures.
Hazardous Decomposition Products	Hazardous decomposition products are not expected to form during normal storage.

11. TOXICOLOGICAL INFORMATION

Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of components of similar products.

Not considered to be an inhalation hazard under normal conditions of use.

Repeated skin exposure can cause irritation.

Can be slightly irritant to the eyes.

Carcinogenicity

The product is composed of mineral oil types shown to be non-carcinogenic.

Mutagenicity

Components are not known to be associated with mutagenetic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of similar products. The product has the potential to bio-accumulate. If it enters soil, it will adsorb to soil particles and will not be mobile.

13. DISPOSAL CONSIDERATIONS

Used or waste product should be disposed of in accordance with prevailing regulations. The competence of the contractor to deal with the product should be established beforehand. Do not pollute soil, water or the environment with waste product. Drums should be thoroughly vented after product has been disposed of.

14. TRANSPORTATION INFORMATION

Not dangerous for conveyance under RSA regulations.

15. REGULATORY INFORMATION

Not classified as dangerous.

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16. OTHER INFORMATION

Validated by INDY OIL SA (Pty) Ltd on 17/07/2009

Version 1

This document does not replace any previous validations

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