MILES LUBRICANTS LLC
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Material Safety Data Sheet

according to 1907/2006 EC, Article 31

MILES BIO GEAR

Biodegradable Gear Lubricant

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Trade Name	MILES BIO GEAR - Biodegradable Gear Lubricant
Chemical Name / Family	Synthetic Hydrocarbon
Company Name	Miles Lubricants LLC
	66 Marine Street - Farmingdale, NY 11735
Telephone	877-683-8086
Fax	631-229-8000
Emergency telephone number	800-564-8777

2. HAZARDS IDENTIFICATION

Main Hazards	No Significant Hazard

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description	This product does not contain any substances classified as hazardous to health

4. CONTACT PROCEDURES

Skin contact	Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse. Seek medical attention if irritation or symptoms persist
Eye contact	Flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Seek physician assessment if eyes are inflamed.
Inhalation	Avoid breathing oil mists. Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Get medical attention.
Ingestion	Do not induce vomiting. Fluid has laxative effect.

5. FIRE FIGHTING MEASURES

Extinguishing media	For small fires: Carbon dioxide (CO2) Dry chemical. Foam. Water spray.
Fire hazards	LOW FIRE HAZARD - Do not cut, drill, or weld empty containers
Protective equipment	Wear suitable respiratory equipment when necessary.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up method	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Store at 40°C.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures	Ensure adequate ventilation of the working area.
Occupational exposure controls	Keep away from food, drink and animal feed.
Respiratory protection	Normally not necessary. If mist is generated, wear approved organic vapor respirator suitable for oil mist areas with sufficient oxygen.
Skin/Hand Protection	Normally none required, for direct contact of more than 2 hours, PVC, Viton, or Nitrile gloves are recommended.
Eye protection	Normally none required, chemical goggles if splashing is likely or high pressure systems are used.
Ventilation	General ventilation
Exposure limits	Acute LD50> 5000 mg/Kg (rat, oral) Practically non-toxic
Protective equipment	Protect clothing from contact with the product.

9. PHYSICAL CHEMICAL PROPERTIES

Description	Liquid
Color	Slight yellow tint
Odor	Very slight hydrocarbon odor
Boiling Point	NA
Flash Point	430°F (>221°C)
Vapor Pressure	<0.01 mmHg @ 20°C
Vapor Density	No test data available
VOC	Negligible
Specific Gravity	0.85 - 0.95
Volatiles, % Volume	0%
Solubility in Water	Negligible
Evaporation Rate	Nil
Viscosity @ 40°C	Varies with grade

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Hazardous polymerization	Will not occur
Materials to avoid	Strong oxidizing agents.
Decomposition products	Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Acute LD50 > 5000 mg / Kg (rat : oral) PRACTICALLY NON TOXIC. Negative when tested by modified Ames test for carcinogenicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available on this product.

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.

14. TRANSPORTATION INFORMATION

Technical Name	Synthetic Hydrocarbon
D.O.T. hazard class	Not regulated
U.N. N.A. #	Not regulated
Product label	MILES BIO GEAR - Biodegradable Gear Lubricant

15. REGULATORY INFORMATION

Risk phrases	NSH - No Significant Hazard.
OSHA status	Non Hazardous under 29 CFR 1910.1200
TSCA status	N/A
RCRA status	If discarded in its purchased form this product would not be a hazardous waste either by listing or characteristic. However it is the responsibility of the product user to determine at the time of disposal, whether the material being disposed of is a hazardous waste (40 CFR 261.20-24).

16. OTHER INFORMATION

HMIS hazard ratings

Health	Flammability	Physical Hazard	Protective Equipment
1	1	0	B (Safety glasses and gloves)

(0= Insignificant, 1=Slight, 2=Moderate, 3= High, 4= Extreme)

Further information

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