

MATERIAL SAFETY DATA SHEET

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
(Compiled According to 29 CFR 1910.1200)

Identity:

Chemical Family:

Hoppes Elite Gun Oil

Petroleum Hydrocarbon Oil

SECTION 1**Manufacturer's Name**

Technology by: Pantheon Chemical 225 West Deer Valley Road #4 Phoenix, Arizona 85027-2108 Telephone (623) 780-2296 FAX (623) 516-0414 Toll Free: 888-824-2918	Manufactured for: Bushnell Outdoor Products 9200 Cody Overland Park, KS 66214 Telephone (913) 752-3400 FAX (913) 752-6112
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SECTION 2**Hazardous Ingredients/Identity Information****NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM:**

Health	0
Flammability	1
Reactivity	0
Contact Hazards	0

INGREDIENTS NAME**CAS NUMBER****CONCENTRATION BY % VOLUME**

Severely Hydrotreated Heavy Naphthenic Petroleum Oil	64742-52-5	>85%
Polyalpha-olefin	66070-54-0	<10%
Proprietary Additive	Proprietary	<10%

SECTION 3**Physical Data/Chemical Characteristics**

Boiling Point:	IBP >526°F (274° C)	Vapor Pressure:	<0.02 mm Hg @ 20° C
Vapor density (AIR=1):	>5	Specific Gravity:	0.9 /water =1
Solubility in Water:	Negligible	Appearance:	Clear amber liquid.
Odor:	Light bland petroleum	% Volatiles:	NIL
Biodegradability:	Readily biodegradable		
Evaporation Rate:	@ 1 ATM and 25° C (77° F) is less than 1% (n-Butyl Acetate = 1) or 1000 times slower than Ethyl Ether		
pH:	Essentially neutral		
VOC Content:	14.2%		

SECTION 4**Fire Explosion Hazard Data**

Lower Explosive Limit:	Not determined
Upper Explosive Limit:	Not determined
Flash Point:	>320° F (160° C)
Auto Ignition:	>650° F (343° C)
Extinguishing Media:	Dry chemical, carbon dioxide, water fog and foam. Note: Water, fog and foam may cause frothing and spattering.
Fire and Explosion Hazards:	Slightly combustible. OSHA/NFPA Class IIIB Combustible Liquid. If heated above flash point, this product will release flammable vapors which can burn in the open or be explosive in confined spaces if exposed to ignition source. Mists or sprays may be flammable below its normal flash point. Keep away from extreme heat or open flame.
Fire Fighting Instructions:	Use water to cool containers exposed to flames. Do not enter enclosed or confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available).

SECTION 5**Reactivity Data**

Stability:	Stable	Thermal Decomposition:	Oxides of carbon.
Incompatible Materials:	Oxidizing agents	Hazardous Polymerization:	Will not occur.

SECTION 6	Health Hazards and First Aid
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*****Emergency Overview*****

Not expected to cause a severe emergency hazard.

Potential Health Effects

Eyes: Tests on similar materials suggest that no eye effect may be expected.
Skin: Tests on similar materials indicated that no significant adverse effects are expected. Practically non-toxic.
Oral Toxicity: Tests on similar materials indicate low order of acute oral toxicity.
Inhalation: Not likely to occur except as a mist. Remove patient to fresh air and consult a physician.

CHRONIC (CANCER INFORMATION):

This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs or National Toxicological Program. This product does not require a cancer hazard warning in accordance with the OSHA Hazard Communication Standard.

SECTION 7	Precautions for Safe Handling and Use
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Spill Procedures: Prevent entry into sewers and waterways. Pick up free liquid for recycle/disposal. Not a RCRA hazardous waste if uncontaminated. Absorb small amounts of inert material for disposal.
Waste Disposal: If disposed of, this material is believed to be non-hazardous. Disposal should be in compliance with Federal, State, and Local regulations.
Skin: Avoid prolonged or repeated skin contact. Wash after handling.

SECTION 8	Control Measures
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Respiratory: None
Ventilation: None
Eyes: Wear protective goggles.

SECTION 9	Transportation Information
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DOT Proper Shipping Name: Not regulated by DOT
DOT ID Number: None
EPA Hazardous Substances: None
Precautionary Labels: None
DOT Hazardous Class: N/A (Class 65 Non-Hazardous Cargo)
IMO Class: None
ICAO Class: None

SECTION 9	Regulatory Information
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SARA 302 Threshold Planning Quantity: N/A
SARA 304 Reportable QUANTITIES: N/A
SARA 311 Categories: Immediate (Acute) Health Effects - N
Delayed (Chronic) Health Effects - N
Fire Hazard - N
Sudden Release of Pressure Hazard – N
Reactivity Hazard – N
EPA/TSCA Inventory: All components are listed.
EPA Hazard Classification Code: N/A
CERCLA: No chemicals in this product are subject to reporting requirements.
SARA Title III – Section 313 Supplier Notification: No chemicals in this product exceed the De Minimus reporting level establishes by SARA Title III, Section 313 and 40 CFR 372.
WHMIS Classification: Not controlled.

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