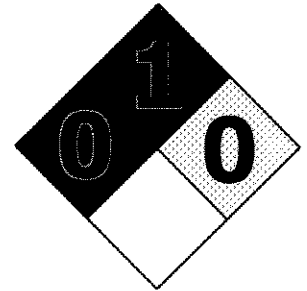




MATERIAL SAFETY DATA SHEET

EMERGENCY OVERVIEW

UNDER NORMAL CONDITIONS OF INTENDED USE, THIS PRODUCT DOES NOT POSE A RISK TO HEALTH. EXCESSIVE EXPOSURE MAY RESULT IN EYE, SKIN OR RESPIRATORY IRRITATION.



SECTION 1 ● CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER:	<i>Chem-Pak, Inc. 242 Corning Way Martinsburg, WV 25405 USA</i>	SUPPLIER:	<i>Bushnell Outdoor Accessories 9200 Cody Overland Park KS 66214</i>
PHONE NUMBER:	<i>800-336-9828</i>	SUPPLIER PHONE:	<i>913-752-3400</i>
FAX NUMBER:	<i>304-262-9643</i>	SUPPLIER FAX:	<i>913-752-3550</i>
24hr EMERGENCY:	<i>800-255-3924 (24 hr) Chem-Tel</i>	SUPPLIER 24hr:	<i>800-535-5053 (24 hr) Info Trac</i>
PRODUCT NUMBER:	<i>P6518CT</i>	SUPPLIER NUMBER:	<i>3060</i>
PRODUCT DESCRIPTION:	<i>Lubricating Oil - 14.9ml Precision Lubricator</i>		
PRODUCT TYPE:	<i>Liquid</i>	REVISION NUMBER:	<i>1</i>
CAS NUMBER:	<i>Mixture</i>	REVISION DATE:	<i>June 29, 2007</i>
EMAIL:	<i>msds@chem-pak.com</i>	PRINT DATE:	<i>August 27, 2007</i>
WEBSITE:	<i>http://www.chem-pak.com</i>	PREPARED BY:	<i>Safety & Environmental Manager</i>

SECTION 2 ● COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	OSHA PEL	NIOSH REL	ACGIH PEL	IDLH	% WT
<i>White Mineral Oil</i>	<i>008042-47-5</i>	<i>N/E</i>	<i>N/E</i>	<i>N/E</i>	<i>N/E</i>	

See Section 11 for LD50 and LC50 Species/Route Information. See Sections 15 and 16 for Symbol Letters and R Phases.

SECTION 3 ● HAZARD IDENTIFICATION

ROUTES OF ENTRY:

Skin Contact	<input checked="" type="checkbox"/>	Skin Absorption	<input type="checkbox"/>	Eye Contact	<input checked="" type="checkbox"/>	Inhalation	<input checked="" type="checkbox"/>	Ingestion	<input checked="" type="checkbox"/>
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EFFECTS OF ACUTE EXPOSURE

EYE: *Liquid contact may cause pain along with moderate eye irritation.*

SKIN: *Prolonged or repeated exposure may cause skin irritation.*

INGESTION: *Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis.*

INHALATION: *Prolonged or repeated overexposure may cause respiratory irritation.*

OTHER HEALTH HAZARD DATA

EFFECTS OF CHRONIC EXPOSURE: *Not available*

MEDICAL CONDITIONS AGGRAVATED: *May aggravate personnel with pre-existing disorders associated with any of the Target Organs.*

PRIMARY HAZARDS: *Not available*

CARCINOGEN DATA: *This product is not known to contain any ingredients at concentrations at, or above, 0.1% which are considered carcinogenic by OSHA, IARC, NTP, NIOSH or ACGIH.*

TARGET ORGANS: *Not available*



MATERIAL SAFETY DATA SHEET

Page 2 of 4
Lubricating Oil
Part No. P6518CT Liquid
Revision 1 ♦ August 27, 2007

OSHA HAZARD CLASSIFICATIONS

HEALTH HAZARD CLASSIFICATION		PHYSICAL HAZARD CLASSIFICATION		
Irritant <input type="checkbox"/>	Sensitizer <input type="checkbox"/>	Combustible <input type="checkbox"/>	Explosive <input type="checkbox"/>	Pyrophoric <input type="checkbox"/>
Toxic <input type="checkbox"/>	Highly Toxic <input type="checkbox"/>	Flammable <input type="checkbox"/>	Oxidizer <input type="checkbox"/>	Water Reactive <input type="checkbox"/>
Corrosive <input type="checkbox"/>	Carcinogenic <input type="checkbox"/>	Compressed Gas <input type="checkbox"/>	Organic Peroxide <input type="checkbox"/>	Unstable <input type="checkbox"/>

SECTION 4 ● FIRST AID MEASURES

INGESTION: Seek medical attention if discomfort occurs. Do not induce vomiting.

SKIN: Remove with soap and water. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.

EYE: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms persist or if unconscious.

NOTES TO PHYSICIAN: No Data

SECTION 5 ● FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY: Heat, sparks, flame, red hot metal

SUITABLE MEANS OF EXTINCTION: Water, CO₂, dry chemical, or universal aqueous film forming foam.

UNSUITABLE EXTINGUISHING MEDIA: Not available

FLASH POINT AND METHOD OF DETERMINATION: 370 F / 188 C ASTM D92 (Cleveland Open Cup)

FLAMMABLE LIMITS: Lower (LEL): No data Upper (UEL): No data

AUTOIGNITION TEMPERATURE: Not available

HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon (CO, CO₂), smoke, and vapors as products of incomplete combustion.

EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: Not available

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: Not available

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed containers as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

SPECIAL FIRE AND EXPLOSION HAZARDS: Not available

SECTION 6 ● ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. Some regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: For land spills shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of absorbed residues as directed in Section 13.

For water spills confine the spill immediately with booms. Notify port and/or other relevant authorities. Remove from the surface by skimming or with suitable absorbents.

ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil or vegetation.

SECTION 7 ● HANDLING AND STORAGE

HANDLING: No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection.

STORAGE: Keep contains closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, or flame.

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.



MATERIAL SAFETY DATA SHEET

SECTION 8 ● EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES: *When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist) – ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist) – ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) – OSHA Permissible Exposure Limit (PEL).*

ENGINEERING AND EXPOSURE CONTROLS: *General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest PEL rated ingredient from Section 2.*

RESPIRATORY PROTECTION: *When mists are generated, and/or when ventilation is not adequate, wear a NIOSH approved respirator with an appropriate cartridge. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary within the United States.*

SKIN AND HAND PROTECTION: *For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.*

EYE PROTECTION: *Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.*

OTHER PROTECTIVE EQUIPMENT: *Safety showers and eye-wash stations should be available in the workplace.*

HYGIENE MEASURES: *Avoid breathing vapors and contact with the skin and eyes. Keep out the reach of children. Wash hands after use.*

SECTION 9 ● PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	> 600 F	MELTING/FREEZING POINT:	Not available
SPECIFIC GRAVITY (H₂O=1):	0.852 g/cc	WEIGHT:	7.110 lbs/gal
VAPOR PRESSURE:	0.01 mm Hg	pH:	Not available
VAPOR DENSITY:	Not available	EVAPORATION RATE:	Not available
PHYSICAL STATE:	Liquid	WATER SOLUBILITY:	Insoluble
PERCENT VOLATILE:	0% Wt (0% Vol) Max	VOC CONTENT:	0.0 lbs/gal (0.0 g/L)
PERCENT VOC:	0% Wt (0% Vol) Max	HAP CONTENT:	0.0 lbs/gal (0.0 g/L)
VISCOSITY:	350 SSU	MIR VALUE:	0.0
ODOR THRESHOLD:	Not available	COEFF. OF WATER/OIL DIST.:	Not available
APPEARANCE:	Clear Liquid	ODOR:	None

SECTION 10 ● STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS OF INSTABILITY: Not available

HAZARD POLYMERIZATION: Not expected to occur

MATERIAL INCOMPATIBILITY: Strong oxidizers

CONDITIONS OF REACTIVITY: Extreme heat and high energy sources of ignition

DECOMPOSITION PRODUCTS: At elevated temperatures oxides of carbon can be produced.

SECTION 11 ● TOXICOLOGICAL INFORMATION

LD50 AND LC50 SPECIES/ROUTE INFORMATION:

INGREDIENT	ORAL LD50	DERMAL LD50	INHALATION LC50
White Mineral Oil	>5000 mg/kg, rat	>2000 mg/kg, rat	Not available

IRRITANCY OF PRODUCT: Not available

REPRODUCTIVE TOXICITY: Not available

MUTAGENICITY: Not available

SENSITIZATION TO PRODUCT: Not available

TERATOGENICITY: Not available

SYNERGISTIC PRODUCTS: Not available

SECTION 12 ● ECOLOGICAL INFORMATION

ECOTOXICITY:

INGREDIENT	FISH LC50	DAPHNIA EC50	ALGAL IC50	BACTERIAL EC50
White Mineral Oil	>10 g/l /96 hr	Not available	Not available	Not available

MOBILITY: When released into the environment, absorption to sediment and soil will be the predominant behavior.

PERSISTANCE: Not available

DEGRADIBILITY: This product is expected to be inherently biodegradable.



MATERIAL SAFETY DATA SHEET

BIOACCUMULATION: Unlikely due to the very low water solubility of the product.
OTHER ECOLOGIC DATA: Do not allow to enter waters, waste water, or soil.
EFFECT ON OZONE LAYER: . . . This product does not contain any ozone depleting ingredients.

SECTION 13 ● DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT INFORMATION: Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

SECTION 14 ● TRANSPORTATION INFORMATION

NON-REGULATED MATERIAL ALL MODES

NMFC DESCRIPTION (United States)
ITEM DESCRIPTION: Compounds, Lubricating
ITEM NUMBER: 50303
CLASS: 55

SECTION 15 ● REGULATORY INFORMATION

UNITED STATES - FEDERAL:

INGREDIENT	CAS NUMBER	TSCA	RCRA	CERCLA	SARA 313	SARA 311/312 [F]	[R]	[I]	[D]	CAA	CWA
White Mineral Oil	8042-47-5	/	-	-	-	-	-	-	-	-	-

[F]=FIRE • [R]=REACTIVITY • [I]=IMMEDIATE (ACUTE) • [D]=DELAYED (CHRONIC)

UNITED STATES - STATES:

INGREDIENT	CA	DE	FL	MA	PA	MN	NJ	NY	WA
White Mineral Oil	-	-	-	-	-	-	-	-	-

CANADA:

INGREDIENT	WHMIS CATEGORIES						CHEMICAL LISTS			
	A	B	D1B	D2A	D2B	E	DSL	NDSL	NPRI	CWC
White Mineral Oil	-	-	-	-	-	-	/	-	5	-

WHMIS Classification: Not regulated

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

EUROPEAN UNION:

INGREDIENT	EINECS	SYMBOL	RISK PHRASES	SAFETY PHRASES
White Mineral Oil	232-455-8	-	-	-



RoHS Compliance: This product is RoHS compliant according to the definitions and restrictions given by The European Parliament (Directive 2002/95/EC) and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

SECTION 16 ● OTHER INFORMATION

DISCLAIMER OF LIABILITY:

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular purpose.

REVISIONS:
Revision 1 - 06/29/2007 Original