

# SAFETY DATA SHEET

24-hr Emergency Phone Number  
800-255-3924 (Chem-Tel)

## SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Number(s) 1003, 1003B, 1003RB, 1003CN  
Product Name Lubricating Oil  
Synonyms None  
Products Uses Lubricating Oil for firearm bores

Revision No. 3  
Revision Date June 24, 2012  
Print Date June 24, 2012

MANUFACTURER INFORMATION		DISTRIBUTOR INFORMATION	
Company Name	Tri-Pac Inc	Company Name	Bushnell
Address	17336 M-60 East Vandalia MI 49095	Address	9200 Cody Overland Park KC 66214
Phone Number	269-476-2303	Phone Number	800-423-3537
Fax Number	269-476-2302	Fax Number	913-752-3570

## SECTION 2 - HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**CAUTION! AVOID CONTACT WITH SKIN AND EYES. VAPOR HARMFUL.**

USA OSHA Classification *When used in a manner which produces an oil mist, this product is a hazardous as defined by 29 CFR 1910.1200 Subpart Z.*  
European CLP Classification *Not classified as hazardous*  
Canadian WHMIS Classification *Not classified as hazardous*  
HMIS III Classification *Health: 0 Flammability: 1 Physical Hazard: 0*  
NFPA Classification *Health: 0 Flammability: 1 Reactivity: 0 Special Hazard: None*

HEALTH HAZARDS				PHYSICAL HAZARDS					
Irritant	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>	Flammable	<input type="checkbox"/>	Explosive	<input type="checkbox"/>	Pyrophoric	<input type="checkbox"/>
Acute Toxicity	<input type="checkbox"/>	Mutagenic	<input type="checkbox"/>	Under Pressure	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>	Water Reactive	<input type="checkbox"/>
Corrosive to Skin	<input type="checkbox"/>	Carcinogenic	<input type="checkbox"/>	Self-Reactives	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>	Unstable	<input type="checkbox"/>
Target Organ SE	<input type="checkbox"/>	Reproductive	<input type="checkbox"/>	ENVIRONMENTAL HAZARDS					
Target Organ RE	<input type="checkbox"/>	Aspiration	<input type="checkbox"/>	Aquatic	<input type="checkbox"/>	Ozone Depleting	<input type="checkbox"/>		<input type="checkbox"/>

UNITED STATES CPSC	USA / INTERNATIONAL GHS	CANADA WHMIS	CANADA CCCR
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### POTENTIAL HEALTH EFFECTS AND SIGNS / SYMPTOMS OF EXPOSURE

**Skin Contact** *Prolonged or repeated exposure may cause skin irritation.*  
**Eye Contact** *Liquid contact may cause pain along with moderate eye irritation.*  
**Ingestion** *Not anticipated to be harmful if swallowed.*  
**Inhalation** *Not anticipated to be harmful if inhaled. May cause respiratory irritate or other pulmonary effects following prolonged or repeated exposure to oil mist at levels above the recommended oil exposure limits.*  
**Effects of Chronic Exposure** *Not Available*  
**Medical Conditions Aggravated** *May aggravate personnel with pre-existing disorders associated with any of the Target Organs.*  
**Target Organs** *Eyes, Skin, Respiratory System*  
**Routes of Exposure** *Skin Contact, Eye Contact, Inhalation, Ingestion*  
**Potential Environmental Effects** *See Section 12 for environmental effects*

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## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	EINECS	EU CLASSIFICATION	% WT
1	Process Oil	0064742-54-7	265-155-0		100%

**Hazard Statements** See Section 15 for Hazard and Precautionary Statement text

**LD50 and LC50 Information** See Section 11 for toxicological information

**Occupational Exposure Limits** See Section 8 for OELs

## SECTION 4 - FIRST AID MEASURES

**Ingestion** DO NOT INDUCE VOMITING! This material may enter the lungs during vomiting. As a precaution, seek medical advice.

**Skin Contact** Remove with soap and water, rinsing and repeating for 15 minutes.

**Eye Contact** Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.

**Inhalation** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

**Notes to Physician** Treat symptomatically.

**Antidotes** No specific antidote.

## SECTION 5 - FIRE FIGHTING MEASURES

**Flash Point** 378 °F (192 °C)

**Explosive Limits** Not Available

**Autoignition Temperature** Not Available

**Conditions of Flammability** Heat, sparks, flame, red hot metal

**Extinguishing Media** Water, CO<sub>2</sub>, dry chemical, or universal aqueous film forming foam

**Unsuitable Extinguishing Media** Water jet

**Hazardous Combustion Products** Oxides of carbon (CO, CO<sub>2</sub>), smoke, and vapors

**Sensitivity to Mechanical Impact** Probably not sensitive as material is stable.

**Sensitivity to Static Discharge** Probably not sensitive due to high flash point.

**Special Equipment and Precautions** 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 Explosion Hazards** Not available

**Autoreactivity/Oxidizing Properties** Not available

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use personal protection recommended in Section 8.

**Environmental Precautions** Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

**Containment Procedures** Released content may be contained with oil/solvent absorbent pads, booms, and/or other absorbents.

**Cleanup Procedures** Soak up material with inert absorbent and place in safety containers for proper disposal.

**Other Information** Consult the North American Emergency Response Guidebook or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.

**Prohibited Materials** Combustible absorbent material such as sawdust, use of equipment that may cause sparking.

**Reporting Requirements** Report releases that reach surface water or groundwater in any amount. Reportable quantities for spills onto the ground depend on site conditions, such as the type of soil and type of material spilled. Federal and local agencies often have different reportable quantities.

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## SECTION 7 - HANDLING AND STORAGE

**Precautions for Safe Handling and Use** *KEEP OUT OF THE REACH OF CHILDREN.*

**Storage Requirements and Conditions** *Keep containers tightly closed and stored in a well-ventilated place.*

**Special Packaging Materials** *Not applicable.*

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits (Oil Mist Only)

ID	USA OSHA PEL	USA NIOSH REL	USA NIOSH IDLH	USA ACGIH TLV	AUSTRALIA TWA	GERMANY MAK	JAPAN OEL	ALBERTA CN OEL	BC CN TWA	ONTARIO CN TWAEV	QUEBEC CN TWA	MEXICO MPEL-PTA	UK WEL
1	5 mg/m3	N/E	N/E	5 mg/m3	10 mg/m3	N/E	3 mg/m3	5 mg/m3	1 mg/m3	5 mg/m3	5 mg/m3	N/E	N/E

### Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
	None Established			

**Engineering Measures** *Use only with adequate ventilation. 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 OEL from the table above.*

**General Hygiene Considerations** *Avoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the reach of children. Wash hands after use.*

**Thermal Hazards** *This product does not present a thermal hazard.*

**Respiratory Protection** *An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. If respirators are needed, in the United States compliance with OSHA standard 29 CFR 1910.134 is necessary.*

**Skin 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/Face 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 near where the material will be used.*

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point</b>	599 °F (315 °C)	<b>Melting / Freezing Point</b>	Not Available
<b>Flash Point</b>	378 °F (192 °C)	<b>Autoignition Temperature</b>	Not Available
<b>Explosive Limits</b>	Not Available	<b>Density (H2O = 1)</b>	0.866 g/cc
<b>Flammability</b>	Class IIIB Liquid	<b>Weight</b>	7.228 lbs/gal
<b>Molecular Weight</b>	Not Available	<b>pH</b>	Not Available
<b>Vapor Pressure</b>	< 0.01 mm Hg	<b>Evaporation Rate</b>	Not Available
<b>Vapor Density</b>	> 1 g/cc	<b>Partition Coefficient</b>	Not Available
<b>Physical State</b>	Liquid	<b>Refractive Index</b>	Not Available
<b>Viscosity</b>	223 SUS @ 100 °F	<b>Heat of Combustion</b>	Not Available
<b>Odor</b>	Oily / Musty	<b>Water Solubility</b>	Not Available
<b>Appearance / Color</b>	Amber Liquid	<b>VOC Content</b>	Not Determined
<b>Percent Volatile</b>	3% Wt (3% Vol) Max	<b>HAP Content</b>	None
<b>Percent VOC</b>	3% Wt (3% Vol) Max	<b>Maximum Incremental Reactivity</b>	None
<b>Solids/Non Volatile Content</b>	97% Wt (97% Vol) Max		

## SECTION 10 - STABILITY AND REACTIVITY

**Stability** *Stable* **Conditions to Avoid** *Not Available*

**Physical Hazards** *Not Available* **Hazard Polymerization** *Not expected to occur*

**Decomposition Products** *Oxides of carbon*



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## UNITED STATES - STATES

ID	CA PROP 65	DE DRQ	MA RTK CODES	ME TYPE	ME RQ	MN HAZ CODE	NJ RTK	NY AIR RQ	NY LAND RQ	NY ACUTE	PA HAZ CODE	WA PEL TWA
1												

## CANADA

ID	WHMIS CATEGORIES									CHEMICAL LISTS			
	A	B	C	D1A	D1B	D2A	D2B	D3	E	DSL	NDSL	NPRI	CWC
1										✓			

## EUROPEAN UNION

CODE	HAZARD STATEMENTS
None	

CODE	PRECAUTIONARY STATEMENTS
None	

## AUSTRALIA

**Poisons Schedule Number** *None of the ingredients are present at or above a concentration necessary for allocation of a Poisons Schedule Number.*

**Chemical Inventory Status** *All of the ingredients are listed on the Australian Inventory of Chemical Substances (AICS) or are exempt.*

## 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 use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.*

### Revision History

*Revision 1, 01/27/2010, Original*  
*Revision 2, 09/10/2010, Updated to clarify non-hazardous as defined by WHMIS and the European Union*  
*Revision 2, 06/24/2012, Total revision with new shipping, GHS, and CLP information*