

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"/>
Acute Toxicity	<input type="checkbox"/>	Mutagenic	<input type="checkbox"/>	Under Pressure	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>
Corrosive to Skin	<input type="checkbox"/>	Carcinogenic	<input type="checkbox"/>	Self-Reactve	<input type="checkbox"/>	Organic Peroxide	<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"/>

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, CO₂, dry chemical, or universal aqueous film forming foam

Unsuitable Extinguishing Media Water jet

Hazardous Combustion Products Oxides of carbon (CO, CO₂), 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 MPPEL-PTA	UK WEL
1	5 mg/m ³	N/E	N/E	5 mg/m ³	10 mg/m ³	N/E	3 mg/m ³	5 mg/m ³	1 mg/m ³	5 mg/m ³	5 mg/m ³	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

Boiling Point	599 °F (315 °C)	Melting / Freezing Point	Not Available
Flash Point	378 °F (192 °C)		
Explosive Limits	Not Available	Autoignition Temperature	Not Available
Flammability	Class IIIB Liquid	Density (H ₂ O = 1)	0.866 g/cc
Molecular Weight	Not Available	Weight	7.228 lbs/gal
Vapor Pressure	< 0.01 mm Hg	pH	Not Available
Vapor Density	> 1 g/cc	Evaporation Rate	Not Available
Physical State	Liquid	Partition Coefficient	Not Available
Viscosity	223 SUS @ 100 °F	Refractive Index	Not Available
Odor	Oily / Musty	Heat of Combustion	Not Available
Appearance / Color	Amber Liquid	Water Solubility	Not Available
Percent Volatile	3% Wt (3% Vol) Max	VOC Content	Not Determined
Percent VOC	3% Wt (3% Vol) Max	HAP Content	None
Solids/Non Volatile Content	97% Wt (97% Vol) Max	Maximum Incremental Reactivity	None

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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Conditions of Reactivity Heat, sparks, flame, red hot metal
Material Incompatibility Strong Oxidizing Agents

SECTION 11 - TOXICOLOGICAL INFORMATION

Irritancy of Product None of the ingredients are known or suspected irritants.
Sensitization to Product None of the ingredients are known or suspected sensitizers.
Carcinogen Data None of the ingredients are known or suspected carcinogens
Reproductive Toxicity None of the ingredients are known or suspected reproductive toxins.
Teratogenicity None of the ingredients are known or suspected teratogens.
Mutagenicity None of the ingredients are known or suspected mutagens.
Synergistic Products Not Available

LD50 and LC50 Information

ID	ORAL LD50		SPECIES	DERMAL LD50		SPECIES	INHALATION LC50		
	VALUE			VALUE			VALUE	TIME	SPECIES
1	> 5000 mg/kg		rat	> 5000 mg/kg		rabbit			

SECTION 12 - ECOLOGICAL INFORMATION

Mobility Not Available Degradability Not Available
Persistence Not Available Bioaccumulation Not Available
Other Ecologic Data Do not allow to enter waters, waste water, or soil
Effects on the Ozone Layer This product does not contain any ozone depleting ingredients.

Ecotoxicity

ID	TYPE	FISH		PERIOD	TYPE	INVERTEBRATES		PERIOD	TYPE	AQUATIC PLANTS		PERIOD	TYPE	MICROORGANISMS		PERIOD
		VALUE				VALUE				VALUE				VALUE		
1		Not Available														

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal 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.

Waste Disposal of Packaging Consult with your local landfill to determine if empty small containers can be disposed of in regular trash pickup. For disposal of large containers, or for containers not suitable for landfill, a licensed reconditioner should be used.

Landfill Precautions Not Available
Incineration Precautions Not Available

SECTION 14 - TRANSPORTATION INFORMATION

NON-REGULATED MATERIAL

SECTION 15 - REGULATORY INFORMATION

UNITED STATES - FEDERAL

ID	TSCA	SARA 302	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312		PRESSURE	CLEAN AIR ACT		CLEAN
	INVENTORY	EHS						ACUTE	CHRONIC		HAP	SOCMI	WATER ACT
1	✓												

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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	A	B	C	WHMIS CATEGORIES					E	DSL	CHEMICAL LISTS		
				D1A	D1B	D2A	D2B	D3			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