

MATERIAL SAFETY DATA SHEET – BDQ-500

BIO-LUB CANADA INC.

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Section I. Product and company identification

Product name : BDQ-500

Manufacturer : Bio-Lub Canada Inc.

Emergency phone number : Canutec : 613-996-6666

Product uses : Oil uses as form-release made from vegetable oil

WHMIS class : Not regulated by WHMIS

Section II. Composition / information on ingredients

Dangerous ingredients : Not concerned

Section III. Hazards identification

Potential acute health effects : Skin or eye contact with this product won't cause irritation. If swallowed or inhaled, this product won't cause toxic effect.

Potential chronic health effects : Carcinogenic effects : None
Mutagenic effects : None
Teratogenic effects : None
Reproductive system effects: None

Section IV. First aid measures

Eye contact : Immediately flush eyes with plenty of water for at least 15 minutes.

Skin contact : Wash with soap and water.

Inhalation : Remove to fresh air if adverse effects are observed.

Ingestion : Induce vomiting. Drink water. If large quantities of this material are swallowed or if symptoms appear, call a physician immediately.

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Section V. Fire and explosion data

Auto-ignition temperature :	Not available
Flash point :	>120°C
Flammable limits :	Not available
Extinguishing media :	Dry chemical powder, water fog, CO ₂ foam
Protective measures for firefighters :	Use a self contained breathing apparatus. Avoid vapours or fume inhalation.
Products of combustion :	Carbon monoxide an carbon dioxide.
Substances who may cause fire or explosion:	Oxidizing agents.
Special remarks on fire and explosion hazards :	Use water spray to cool exposed containers.
Incompatibility :	Oxidizing agents. React with strong bases to produce alcohol.
Spontaneous polymerization :	No danger

Section VI. Accidental release measures

Spill :	Eliminate all ignition sources. Isolate the hazard area. Use absorbent and put the spilled material in an appropriate waste disposal. Avoid to release into sewers/water supplies. Neutralization isn't necessary. Inform authority if necessary.
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Section VII. Handling and storage

Storage :	Store in a cool well ventilated area. Keep away from light sources.
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Section VIII. Exposure controls / Personal protection

Exposure limits :	Not available
Engineering Controls :	Local ventilation: Normaly not required. Mechanical ventilation: Normaly not required. Recommended in case of vapours or fumes.
Personal protection :	Eyes : Safety goggles Gloves : Chemical resistant gloves. Nitrile or vinyle gloves are recommended. Respiratory : Under normal use conditions, respirator is not usually required.
Hygienic work practices :	Wash with water and soap after contact. Avoid swallow. Ensure to do good hygienic personal practices.

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Section IX. Physical and chemical properties

Appearance et odour:	Clear green liquid
Boiling point :	> 200°C
Freezing point :	-15°C
Water solubility :	Insoluble
Odour threshold :	Not available
Vapor pressure :	< 5 mm Hg at 20°C
Vapor density :	Not available
Evaporation rate :	< 0,005 (BuAC=1)
pH :	Non applicable
Viscosity :	70 cP at 20°C

Section X. Stability and reactivity

Stability :	Stable
Incompatibility :	Oxidizing agents
Corrosivity :	Non corrosive

Section XI. Toxicological information

Routes of entry :	Absorbed through skin. Inhalation. Ingestion.
Toxicity to animals:	Not available LC50 = 87 000 ppm
Chronic effects on Humans:	Non-irritant for skin and eyes.

Section XII. Ecological information

Ecotoxicity :	Not available
Biodegradable :	Yes
BOD5 and COD :	Not available
Biodegradation products :	Not available
Toxicity of biodegradation products :	Not available

Section XIII. Disposal considerations

Waste disposal:	Dispose of in accordance with all applicable federal and local regulations.
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Section XIV. Transport information

Proper shipping name:	Not regulated
Hazard class:	Not applicable
UN number :	Not applicable
Packing group:	Not applicable
Maximum limited quantity value :	Not applicable

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Section XV. Other regulatory information and pictograms

Hazardous material information system (USA)	Insignificant	0	Health	1
	Slight	1	Flammability	1
	Moderate	2	Réactivité	0
	High	3	Personal protection	1
	Extreme	4		
WHMIS classification :		Not regulated		

Section XVI. Other information

Références : Material safety data sheets made by the Commission de la santé et de la sécurité du travail du Québec. Suppliers Material safety data sheets.

Created by : Quality control department
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