

SECTION I

IDENTIFICATION

BIO-CLEANZ

April 10, 2013

MANUFACTURER/DISTRIBUTOR

EMebKo Enterprises Inc.
PO Box 23022
Prince George, BC, Canada

PHONE NUMBERS:

Product Information
Medical Emergency(888) 828-1822
N/A

CHEMICAL FAMILY

Aqueous Oxidant

SECTION II – ACTIVE/HAZARDOUS INGREDIENTS

<u>CHEMICAL NAMES</u>	<u>%</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
Chlorine dioxide (Stabilized)	0.200	10049-04-4	Not available
Other Ingredients	99.800		
Total.....	100.00		

At these concentrations none of the ingredients are known to pose any hazards to human health.

WHMIS Classification: Not Controlled

SECTION III - PHYSICAL DATA

BOILING RANGE	100°C	SPECIFIC GRAVITY (WATER = 1)	1.05
VAPOR PRESSURE	Not Available	PERCENT VOLATILES BY VOLUME	100%
VAPOR DENSITY	Not Available	EVAPORATION RATE	Less than Ether
WATER SOLUBILITY	100%	pH	Approx. 8.5
APPEARANCE	Colorless liquid	ODOR	Mild-Fresh
VISCOSITY	0.9 cP at 25°C		

SECTION IV - FIRE/EXPLOSION HAZARDS

FLASHPOINT (T.C.C.)

N/A

FLAMMABILITY LIMITS:

Non-Flammable

EXTINGUISHING MEDIA:

N/A

SECTION V - HEALTH HAZARD DATA

EPA TOXICITY RATING – IV This is the lowest category on the scale and is designed for substances that are the least hazardous.

TOXICITY TESTING – ACUTE Inhalation – Studies with Wistar Albino rats exposed to a respirable aerosol made from a solution of Bio-Cleanze at a level of 2.08 mg/l for four hours resulted in no deaths and no abnormal necropsy observations.

Eye Contact – Studies with New Zealand white rabbits showed this product is a very mild ocular irritant; mild conjunctival irritation was observed, but cleared within 72 hours.

Skin Contact – Study of dermal toxicity in New Zealand white rabbits showed the product to be non-toxic: Dermal LD₅₀ > 5,000 mg/kg of body weight; Study of dermal irritation in New Zealand white rabbits showed the product is not a dermal irritant. In Dermal Sensitization studies, Bio-Cleanze was determined not to be a sensitizer.

Swallowing - Acute oral toxicity in albino rats: Non-toxic LD₅₀ > 5,000 mg/kg of body weight.

FIRST AID MEASURES: IF IN EYES - Flush immediately with water. If irritation persists consult a physician. IF SWALLOWED - Give large amounts of water and consult a physician.

SECTION VI - REACTION DATA

STABILITY - Stable

CONDITIONS TO AVOID - Contact with strong acids

INCOMPATIBILITY (MATERIALS TO AVOID) - Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS - Thermal or other decomposition may yield chlorine dioxide or chlorine.

HAZARDOUS POLYMERIZATION - Will not occur

SECTION VII - SPILL PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED - No special clean-up measures are required for the consumer product. To avoid the possibility of “bleaching” the spill should be absorbed with paper towels, and the area rinsed with clean water.

WASTE DISPOSAL METHOD - No special precautions are required for the consumer product.

VOLATILE ORGANIC COMPOUNDS (VOC) None

SECTION VIII - SPECIAL PRECAUTIONS

RESPIRATORY PROTECTION - None required for normal use. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

VENTILATION - Use in adequately ventilated areas.

SECTION VIII - SPECIAL PRECAUTIONS (Continued)

PROTECTIVE GLOVES - Not required for consumer product.

EYE PROTECTION - Not required for consumer product.

BULK HANDLING AND STORAGE PRECAUTIONS - Keep away from heat, and strong acids. Do not smoke. Prevent build-up of vapors by maintaining continuous flow of fresh air. Do not store above 49°C or near fire of open flame. Store large quantities in buildings to comply with OSHA 1910.106. Keep container closed when not in use. Do not transfer contents to bottles or other unlabeled containers. Do not reuse empty containers. Keep out of reach of children.

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