



Global Environmental Restoration, Inc.  
 Issued December 12, 2006

Material Safety Data Sheet  
 SNiPER® Biocide

**SECTION I**

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<b>IDENTIFICATION</b>	<b>SNiPER</b>	<b>December 12, 2006</b>
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**EXCLUSIVE PRIVATE LABEL DISTRIBUTOR:** Global Environmental Restoration, Inc.  
 108 Maple Ridge Drive  
 Lafayette, LA 70507

**PHONE NUMBERS**

Product Information	877-236-4710
Medical Emergency	877-236-4710

**CHEMICAL FAMILY** Aqueous Oxidant

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**SECTION II – HAZARDOUS INGREDIENTS**

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<u>CHEMICAL NAMES</u>	%	GAS #	<u>EXPOSURE LIMITS</u>
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No active ingredients are present at concentrations greater than 1% by weight. At these concentrations none of the ingredients are known to pose any hazards to human health.

The liquid has a very mild ozone or air fresh-like odor. It is a water-based system with boiling and freezing points near those of water. At the concentrations used in this product no hazardous circumstances are anticipated if the product is used as directed.

WHMIS Classification: Not Controlled

Active Ingredients: Chlorine Dioxide.....	0.200%
n-Alkyl dimethyl benzene ammonium chlorides.....	0.085%
dimethyl benzyl ammonium chlorides.....	0.085%
Other ingredients.....	99.630%
Total.....	100.00%

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**SECTION III – PHYSICAL DATA**

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BOILING RANGE	212°F	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

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## SECTION IV – FIRE/EXPLOSION HAZARDS

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FLASHPOINT (T.C.C.)      N/A                      FLAMMABILITY LIMITS:      Non Flammable  
EXTINGUISHING MEDIA:      N/A

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## SECTION V – HEALTH HAZARD DATA

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**EPA TOXICITY RATING – IV** This is the lowest category on the scale and is designed for substances that are the least hazardous to humans, animals and environment.

**TOXICITY TESTING – ACUTE** Inhalation - Studies with Wistar Albino rats exposed to a respirable aerosol made from a solution of SNiPER 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 LD<sub>50</sub>>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, SNiPER™ was determined not to be a sensitizer.

**Swallowing** – Acute oral toxicity in albino rats: Non-toxic Dermal LD<sub>50</sub>>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.

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## SECTION VI – REACTION DATA

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**STABILITY** – Stable

**CONDITIONS TO AVOID** – Contact with strong acids

**INCOMPATIBILITY (MATERIALS TO AVOID)**      Strong acids neutralize active ingredient.

**HAZARDOUS DECOMPOSITION PRODUCTS** - Thermal or other decomposition may yield chlorine dioxide in low levels, non hazardous.

**HAZARDOUS POLYMERIZATION** - Will not occur

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## SECTION VII – SPILL PROCEDURES

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED** – No special clean-up measures are required for the consumer product. The spill should be absorbed with paper or cotton absorbent type 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

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## SECTION VIII – SPECIAL PRECAUTIONS

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**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 when spraying in volume or through a commercial applicator producing atomizing size spray fog droplets.

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**PROTECTIVE GLOVES** – Not required for consumer product.

**EYE PROTECTION** – Not required for consumer product.

**OTHER PROTECTION** – Not applicable.

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**TRANSPORTATION** – Non Flammable – Non Hazardous

Transportation via air freight (Domestic & International ) meets IATA Safety Standards.

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**BULK HANDLING AND STORAGE PRECAUTIONS** – Keep away from heat, and strong acids. Prevent build-up of vapors by maintaining continuous flow of fresh air. Avoid storage above 120°F or near fire or 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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