



MATERIAL SAFETY DATA SHEET

1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name: CBX Sniper
Chemical type: Liquid growth media/ Clinoptilolite
Company: Environmental Techniques Inc. 1-602-343-2995
PO Box 82247 www.cbxproducts.com
Phoenix, AZ 85071

2: COMPOSITION INFORMATION

Chemical Name and Synonyms	Wt%	CAS Registry	EINECS	OSHA PEL	ACHIH TLV
Zeolite	90-97	1318-02-1	215-283-8	15 mg/m ³ total dust	10 mg/m ³ total dust
or (clinoptilolite ₁)		(12173-10-3)	(Not found)	5 mg/m ³ respirable	3 mg/m ³ resirable
Water	3-10	7732-18-5	231-791-2		
Urea					
Ammonium Sulfate					
Polymerous Hydrosol Leachate including natural surfactant, natural bio-stimulant, and natural enzymes					

Hazardous: None
Non-Hazardous: This product is considered non hazardous and does not contain any toxic materials in concentration subject to reporting requirements of Section 313 or Title III of the Superfund Amendments and Re-Authorization Act of 1986 and 40 CFR Part 372.

Clinoptilolite is one of the many crystal forms of zeolites

3: HAZARDS IDENTIFICATION

Overview: May cause irritation to respiratory tract, eyes and skin. Noncombustible.
Ingestion: Non hazard under normal conditions and use. May result in diarrhea or weakness.
Inhalation: May result slight temporary aggravation.
Eye Contact: This product may cause scratching or temporary discomfort to eyes.
Skin: May result in slight temporary aggravation.
Effects of Overdose: Ingestion of large doses may cause diarrhea and Nausea.
Chronic Hazards: No known hazards.
Physical Hazards: No known hazards.
Carcinogenicity listing: NPT: not listed; IRAC Monographs: not listed; OSHA Regulated: not listed.

4: FIRST AID MEASURES

Ingestion: If large amount is ingested, give 2-3 glasses of water.
Inhalation: Remove to fresh air. If breathing stops, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Eyes: Flush eyes with running water for at least 15 minutes lifting eyelids to flush. Get medical attention if irritation persists.
Skin: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.
Notes to Physician: Treatment based on the sound judgment of the physician and the individual reaction of the patient

5: FIRE FIGHTING MEASURES

Extinguishing Media: Use media suitable to extinguish source of fire.
Special Fire Fighting Procedures: Product is not combustible.
Unusual Fire and Explosion Hazards: This product may decompose to release NH₃.



6: ACCIDENTAL RELEASE MEASURES

Environmental Precautions: This product is biodegradable and will not harm the environment of lakes, streams or rivers. Steps to be taken in case material is released or spilled: Returned to container (if uncontaminated) or wash away with water

Spills cleanup: Shovel or sweep up and place in a suitable container. Avoid generating dust.

CERCLA RQ: None. Notification of state and local authorities is recommended.

7: HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin, and clothing. Avoid generating and breathing dust. Clean up spills.

Storage: Keep storage containers closed and dry.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls: Use adequate ventilation. Safety shower and eyewash fountain should be within direct access.

Respiratory protection: Use NIOSH approved dust respirator where dust occurs. Refer to 29 CFR §1910.134 or European Standard 149.

Eye protection: Wear safety goggles

Skin protection: Wear body protecting clothing and gloves. Refer to 29 CFR §1910.133 or European Standard EN 149

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	light to dark brown solid (powders and granules)	Solubility in water:	Insoluble
Odor:	Odorless	Autoignition temperature:	Not applicable
pH:	6.8 – 8.0 (water dispersion)	Flammable limits:	Not applicable
Bulk density:	45 – 85 pounds/ft ³ (0.7 – 1.4 g/ml)	Vapor density:	Not applicable
Flash Point:	Not applicable	Evaporation rate:	Not applicable

10: STABILITY AND REACTIVITY

Stability (normal conditions): Stable

Conditions to Avoid: Extremely high temperatures

Incompatibility (Material to Avoid): none

Hazardous Decomposition Products: none

Hazardous Polymerization: none

11: TOXICOLOGY INFORMATION

LD: 50 and LC 50: Not established

Carcinogenicity: Clinoptilolite with a particle size in the respirable range was tested for carcinogenicity in rats by intratracheal instillation. No significant increase in the incidence of tumors was found.

12: ECOLOGICAL INFORMATION

Environmental fate: Does not bioaccumulate in animal or plants

Physical/Chemical: Sinks in water

Atmospheric: Contains no ozone depleting substances

Waterfowl toxicity: None known

Aquatic toxicity: None known

BOD and COD: None known



13: DISPOSAL CONSIDERATIONS

Classification: Not a RCRA Hazardous Waste
Disposal method: Dispose in accordance with federal, state (provincial), and local regulations.

14: TRANSPORTATION INFORMATION

Proper shipping name:	Non-Hazardous for Transport	RID/ADR Dangerous Goods:	Not Regulated
IATA Hazard Class:	Not Regulated	Label:	None required
DOT Hazard Class:	Not Regulated	UN TDG Class:	Not Regulated
IMDG Hazard Class:	Not Regulated	Hazard Symbol:	None required
		Hazard Id Number (HIM):	None

15: REGULATORY INFORMATION

Proper shipping name: Non-Hazardous for Transport
California Prop 65: There is no chemical present known to the State of California to cause cancer or reproductive toxicity.

CPR: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

WHMIS Classification: Not controlled
CERCLA: None
DSL / NDSL: Components of this product identified by CAS Number and listed on the Canadian Ingredient Disclosure List (IDL) are not listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substance List (NDSL), or are otherwise in compliance with the New Substance Notification (NSN) regulations.

EINECS: Components of this product identified by CAS Numbers are on the European Inventory of Existing Commercial Chemical Substances unless indicated as "Not found."

IDL: Components of this product identified by CAS Number and listed on the Canadian Ingredient Disclosure List (IDL) are shown in Section 2.

SARA Title III.313l: None
TSCA: All components of this product are listed on the U. S. Toxic Substances Control Act Inventory or are exempt from listing, because a Low Volume or Polymer Exemption has been granted in accordance with 40 CFR 723.50.

VbK: Not applicable
WGK Water Quality Index: ngw
WHMIS Classification: Not controlled

14: TRANSPORTATION INFORMATION

INFLPA Hazard Rating
 Health (Blue) 1: Caution – May be irritating.
 Flammability (Red) 0: Non combustible.
 Reactivity (Yellow) 0: Not reactive when mixed with water.
 Special Info (White): None

HMIS Hazard Rating
 Health (Blue) 1: Irritation or minor reversible injury possible.
 Flammability (Red) 0: Will not burn.
 Reactivity (Orange) 0: Will not react, polymerize, decompose, condense, or self react. Non-explosive.
 Personal Protection E: Safety glasses, gloves, and dust respirator.
 Trade name: CBX Sniper is a register trade name of Environmental Techniques Inc.



HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION E	

Disclaimer: This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION HEREIN PROVIDED. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.