

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name : Matrix Enviro-Clean
Product Use : Waterless Urinal Cleaner & Deodorizer
Chemical Family :

Supplier Name and Address:

Water Matrix
331 Trowers Rd., Unit 3
Woodbridge, ON L4L 6A2

Manufacturer Name and Address:

Refer to Supplier

Emergency Telephone #:

Canutec (613) 996-6666

Emergency Telephone #:

N/AV

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>(wt.)%</u>	<u>T.V.L.</u>	<u>LC50 ppm (Rat, lhl.)</u>	<u>LD50 mg/kg (Rat, oral)</u>
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This product contains no hazardous ingredients at greater than one percent by weight, as defined by WHMIS regulations.

No NTP, IARC, or OSHA Carcinogena present.

SECTION III - HAZARDOUS IDENTIFICATION

Route of Entry:

Skin Contact: N/AP

Skin Absorption: N/AP

Inhalation, Chronic: N/AP

Inhalation: N/AP

Ingestion: N/AP

Eye Contact: N/AP

Effects of Acute Exposure: None expected. Not intended for human consumption. Organisms used are non-pathogenic, but can cause infection when in contact with open wounds. These organisms can be killed by many commonly used antibiotics.

Effects of Chronic Exposure: None expected

SECTION IV - PHYSICAL DATA

Physical State: Liquid

Odor and appearance: An emulsion with a strong perfume odour

Odor threshold: N/AP

Specific gravity: 1.004

Coefficient of water/oil distribution: N/AP

Vapor pressure (mm Hg): N/AP

Boiling point: 210-220°F (99-104°C)

Freezing point: N/AP

PH: 8.5

Vapor density (Air = 1): N/AP

Evaporation rate (BuAe = 1): 8.37

Volatiles, %: >90

Solubility in water: Complete

SECTION V - FIRE AND EXPLOSION DATA

Water Matrix

Conditions of flammability:	None
If Yes under which Conditions?	
Means of extinction:	N/AP
Sensitivity to mechanical impact/static discharge:	N/AP
Flash point (Method):	None to 200°F (93°C) by T.C.C.
Upper flammable limit %:	N/AP
Lower flammable limit %:	N/AP
Auto-ignition temperature:	N/AP
Hazardous Combustion Products:	N/AP
Special Fire Fighting Procedures:	None
Extinguishing Media:	N/AP

SECTION VI - REACTIVITY DATA

Chemical Stability:	Stable
Incompatible materials:	Strong acids or bases may inactivate
Conditions of reactivity:	Extremes in temperatures or pH
Hazardous decomposition products:	N/AP
Hazardous polymerization:	N/AP

SECTION VII - TOXICOLOGICAL PROPERTIES

*** Routes of exposure and acute/chronic effects ***

Exposure limit:	N/AP
Irritant of Product:	N/AP
Inhalation:	N/AP
Skin:	N/AP
Eyes:	N/AP
Ingestion:	N/AP
Chronic effects:	None expected
Carcinogenicity:	N/AP
Reproductive effects:	N/AP
Teratogenicity, Mutagenicity:	N/AP
Sensitization to Product:	N/AP
Name of Toxicologically Synergistic Products:	N/AP

SECTION VIII - FIRST AID

Inhalation:	N/AP
Skin:	Wash thoroughly with soap and water
Eyes:	Flush eyes immediately with plenty of cool water for at least 15 minutes. If redness or irritation continues get medical attention.
Ingestion:	Contact a physician immediately. Drink two glasses of water to dilute.
Additional:	None

SECTION IX - PREVENTIVE MEASURES

Spill, leak or release: Rinse material into nearest drain.
Waste disposal: Small amounts should be placed in trash. Large quantities that cannot be used according to label directions should be given to a waste disposal company. Follow all Federal, State and Local Regulations regarding Waste Disposal.

***** PROTECTIVE EQUIPMENT *****

Respiratory protection: None required
Ventilation: Adequate room ventilation to keep air circulating.
Protective gloves: Recommended
Protective clothing: N/AP
Protective footwear: N/AP
Eye protection: Eye protection and protective gloves are recommended any time you work with any concentrated industrial strength products.
Other protective equipment: None

***** STORAGE and HANDLING *****

Storage and handling conditions:

Handling: Avoid extreme cold or heat. Do not contaminate with other products.
Storage: Keep container closed when not in use. Do not reuse containers for any purpose. Destroy drums by puncturing.
Other Precautions: Test on small inconspicuous area before using on synthetic fabrics and carpeting, to be sure product will not adversely affect colour.

Special Shipping Information:

WHMIS Classification: Not regulated
TDG Classification: Not regulated

Additional notes or references:

Abbreviations: N/AV: not available
N/AP: not applicable
IARC: International Agency for Research on Cancer.
ACGIH: American Conference of Governmental Industrial Hygienists.
TLV: Threshold Limit Values.
NIOSH: National Institute of Occupational Safety and Health.
TDG: Transportation of Dangerous Goods Regulation.
BuAe: n-butyl acetate.

- References:**
- 1.) ACGIH, Threshold Limit Values and Biological Exposure Indices for 1988-89.
 - 2.) International Agency for Research on Cancer Monographs, Supplement 7, 1988.
 - 3.) Canadian Centre for Occupational Health and Safety. Cheminfo Database.
 - 4.) Material Safety Data Sheets of raw materials.
 - 5.) N. Irving Sax. Dangerous Properties of Industrial Materials. Sixth Edition.

SECTION X - PREPARATION INFORMATION

Additional Information: Water Matrix assumes no responsibility by its issuance of this information.

Prepared by: Water Matrix

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