

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

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Ion-metrix®

MANUFACTURER'S NAME

Hydroemission Corporation Pte Ltd

EMERGENCY TELEPHONE NUMBER (24HRS)

(65) 92474790

ADDRESS

65A, Jalan Tenteram, #05-04, Singapore  
328958

TELEPHONE NUMBER FOR INFORMATION

(65) 6252 2028

DATE PREPARED

May 12, 2005

SUPERSEDES:

Aug 15, 2004

## SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS  
(SPECIFIC CHEMICAL  
IDENTITY, COMMON NAMES)

CAS#

Weight  
percent

OSHA PEL

ACGIH TWA

SARA  
TITLE III

RQ LBS

PPM

MG/M  
3

PPM

MG/M  
3Copper as Cu<sup>2+</sup>

7440-50-8

Proprietary

Not established

Silver as Ag<sup>+</sup>

7440-22-4

Proprietary

Not established

## SECTION 3 – HEALTH HAZARD IDENTIFICATION

INHALATION

None expected

SKIN

Non expected, however, prolong contact may cause irritation

EYES

May cause eye irritation

INGESTION

May cause gastric distress, vomiting and diarrhea

## SECTION 4 – FIRST AID MEASURES

INHALATION

Remove affected person to fresh air; if symptoms persist seek medical attention

SKIN

Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention

EYES

Flush eyes with water for 15 minutes; if irritation persists, seek medical attention

INGESTION

Induce vomiting; seek medical attention

## SECTION 5 – HANDLING AND STORAGE

HANDLING PRECAUTIONS

To be used only by technicians or trained personnel.  
Keep out of reach of children

STORAGE

Store in original packaging and shipping container. Store under cover. Keep away from heat, sparks and other sources of ignition

## SECTION 7 – PERSONAL PROTECTION

EYE/FACE PROTECTION

Not required

RESPIRATORY PROTECTION

Not required

SKIN PROTECTION

Rubber gloves

## SECTION 8 – PHYSICAL/CHEMICAL PROPERTIES

APPEARANCE

Blue soft strip

ODOR

Citrus fragrance

SOLUBILITY IN WATER

Slowly soluble; Controlled release of copper and silver ions

MELTING POINT

70°C

<b>MATERIAL SAFETY DATA SHEET</b>	
IDENTITY (AS USED ON LABEL AND LIST) Ion-metrix®	Page 2 of 2
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BOILING POINT	N/A
DECOMPOSITION TEMPERATURE	N/A
VAPOR DENSITY	N/A
VAPOR PRESSURE	N/A
SPECIFIC GRAVITY (WATER = 1)	1.18
pH	6.5
<b>SECTION 9 – STABILITY AND REACTIVITY</b>	
STABILITY	Stable
CONDITIONS TO AVOID	Extreme temperatures
INCOMPATIBILITY	Strong oxidizers, Strong acids
REACTIVITY	No additional hazardous chemicals are known to be formed when used as directed in this application
<b>SECTION 10 – TRANSPORT INFORMATION</b>	
HAZARD CLASS	Not regulated
DOT IDENTIFICATION NUMBER	None
<b>SECTION 11 – OTHER REGULATORY INFORMATION</b>	
FEDERAL AND STATE REGULATIONS	N/A
WHMIS (Canada)	N/A
DSCL (EEC)	N/A
HMIS (USA)	N/A
TSCA	All reportable chemical substances are listed on the TSCA Inventory, or exempted from listing on the TSCA inventory.
<b>OTHER INFORMATION</b>	
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