

Approved by:



July 16, 2010

SECTION 1. PRODUCT IDENTIFICATION

Name: Halogen Scrubber
Synonym: Copper Wire, Copper Wool
Manufacturer: Shimadzu Corporation—Japan
Catalog Number: 630-00992-00, 638-92082-00
Additional Information Contact: 800.477.1227
24 Hour Emergency Contact: 410-768-8155 (AIRPACK; 500 McCormick Dr.; Glen Burnie, MD 21061)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #7440-50-8 Copper (Cu)

SECTION 3. PRODUCT USE

Specifically used in Shimadzu TOC-500, TOC-5000 Series, TOC-Vc Series and TOC-4000 Series combustion type Total Organic Carbon analyzers. Consult the appropriate instrument manual for proper use.

SECTION 4. PHYSICAL DATA

Appearance:	Reddish	Odor:	None
Melting Point:	1083 C	Boiling Point:	2595 C
Density:	N/A	Vapor Pressure:	N/A
Solubility:	Negligible (water)	Phase:	Solid Malleable Metal

SECTION 5. HAZARDS IDENTIFICATION

None in the form offered.
Dust or fumes could cause eye and skin irritation

SECTION 6. TOXICITY DATA

Rat/Mouse Ld50:	N/A	Rtecs #:	G15325000
Osha Pel:	N/A	Acgih Tlv:	N/A

SECTION 7. HEALTH HAZARD DATA

None in the form offered

SECTION 8. FIRST-AID MEASURES

N/A in the form offered

SECTION 9. FIRE FIGHTING MEASURES

Extinguishing media appropriate to surrounding fire.
Possible formation of toxic copper fumes. Use appropriate respiratory support.

SECTION 10. ACCIDENTAL RELEASE MEASURES

N/A

SECTION 11. STABILITY AND REACTIVITY

Stability: Stable
Incompatibilities: Strong Acids, Active Halogens such as Chlorine, Fluorine, Iodine, and Bromine. Ammonia



MATERIAL SAFETY DATA SHEET: HALOGEN SCRUBBER
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SECTION 12. DISPOSAL

Disposal requirements are directly related to the materials analyzed while scrubber is in place and container and unused contents must be disposed in accordance with Federal, State, and Local requirements. State and Local disposal regulations may differ from Federal regulations and can be more stringent, but will never be less strict.

SECTION 13. OTHER INFORMATION

The information provided above is believed to be correct, but does not purport to be all inclusive and it must serve only as a guide. Shimadzu shall not be held liable for any damage resulting from handling or contact with the above product. Users should make their own determinations regarding the suitability of this information for their particular purposes