

MID SOUTH CHEMICAL CO., INC.

P.O. Box 116, 5681 Hwy 4 • Ringgold, Louisiana 71068
Phone (318) 894-7301 • Fax (318) 894-9532
www.midsouthchemical.com

MATERIAL SAFETY DATA SHEET

CHEMTEL (800) 255-3924 Emergency Number

updated 04/2012

PRODUCT NAME **MCT 501**
(NSF Effective Date – December 1992)
Potable Water Treatment



SECTION II HAZARDOUS INGREDIENTS

Ingredient	CAS Number Mg/m	TWA		Stel ppm
		ppm	Mg/m ³	

Ingredients are for potable application. This product contains performance additives which are not required to be listed in section ii under the OSHA hazard communications standards.

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point..... N/A
Specific Gravity (H₂O=1)..... 1.35 +/- 0.05
Vapor Pressure (mm Hg)..... N/A
Melting Point..... N/A
Vapor Density (Air=1)..... N/A
pH..... 4.0 – 5.0
Evaporation Rate..... Slower Than Ether
Solubility in Water..... Complete
Appearance..... Colorless/Odorless liquid
Freeze Point..... 23 °F

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method):..... Not Applicable
Extinguishing Media:..... use extinguishing media for surrounding fire
Special Fire Fighting Procedures:..... Wear Self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires
Unusual Fire and Explosion Hazards:..... This material is not combustible. No unusual hazards known.

SECTION V REACTIVITY DATA

Stability:..... Yes
Conditions to Avoid:..... N/A
Incompatibility:..... N/A
Hazardous Decomposition:..... N/A
Hazardous Polymerization:..... Does Not Occur

SECTION VI HEALTH HAZARD DATA

SKIN:.....May cause irritation. Wear protective gloves.
EYES:.....May cause irritation.
INHALATION:.....May cause irritation if breathed:
INGESTION:.....May cause gastrointestinal irritation.

SECTION VII FIRST AID

SKIN:.....Wash hands and contaminated skin after handling. Get medical attention if irritation persists
EYES:.....Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention if irritation persists
INHALATION:.....Remove individual to fresh air.
INGESTION:.....If swallowed, drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention

SECTION VIII ACCIDENTAL RELEASE MEASURES

Steps to Be Taken in Case Material Released or Spilled:..... Dispose of at an appropriate waste disposal facility in accordance with current laws and regulation. Use an absorbent or fire retardant treated sawdust, diatomaceous earth, etc. Scoop up and remove. Dike far ahead of large spill for a later disposal.

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions to Be Taken in Handling and Storing:.....Keep Container Closed.
Store in a cool, dry place. Keep away from children.

SECTION X CONTROL MEASURES

Respiratory Protection (Specify Type):..... Avoid breathing vapor. Use a NIOSH/MSHA approved air supplied respirator in absence of proper environmental control. OSHA Regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

Ventilation:.....Provide sufficient mechanical (general or local exhaust) ventilation

Protective Gloves:..... Wear resistant gloves such as, Butyl Rubber.

Eye Protection:..... Chemical splash goggles and face shield (8"min.) in compliance with OSHA Regulations are advised; however, OSHA Regulations also permit other type safety glasses (consult your safety equipment supplier).

Protective Clothing:..... To prevent skin contact, wear impervious clothing and boots.

SECTION XI TOXICOLOGICAL INFORMATION

N/A

SECTION XII ECOLOGICAL INFORMATION

N/A

SECTION XIII WASTE DISPOSAL CONSIDERATION

Waste Disposal Method:..... Dispose of absorbed spillage as a solid in an appropriate waste disposal facility in accordance with current applicable laws and regulation.

SECTION XIV TRANSPORTATION INFORMATION

DOT (Department of Transportation) Hazard Class not regulated

SECTION XV REGULATORY INFORMATION

N/A

SECTION XVI OTHER

***The information provided in this Material Safety data sheet has been obtained from sources believed to be reliable. Mid South Chemical Co., Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration, and investigation. You should satisfy yourself that you have all current data relevant to your particular use. Mid South Chemical Co., Inc. knows of no medical condition, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.