

**CANTON****SAFETY DATA SHEET****1 IDENTIFICATION**

Product Name	Metol
Recommended use & restriction on use	
Recommended use	Industrial, Manufacturing or Laboratory use
Restrictions on use	Not known
Supplier:	
Company name	Canton Chem Inc.
Address	6310 Kerne Ct Clarksville, MD 21029
Telephone	410-531-5671
Fax	410-531-5736
Email	<a href="mailto:info@cantonchem.com">info@cantonchem.com</a>
Emergency telephone number	800-255-3924 (24 hr)
Contact Name:	Chem-Tel, Inc.

**2 HAZARD(S) IDENTIFICATION**

Statement of Hazard	Irritant
Chronic Health Hazards	Not Available
Acute Health Hazard	Irritant to eyes, skin, mucous membranes and respiratory system. May be harmful by ingestion inhalation or skin absorption
HMIS Rating:	H:0 F:0 P:0
	To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

Label Elements

Hazard Symbol



Signal Word

Warning

Hazard Statement

- Harmful if swallowed
- Harmful in contact with skin.
- May cause allergic skin reaction.
- Causes serious eye irritation.
- Harmful if inhaled.

- May cause respiratory irritation.
- Causes damage to organs through prolonged or repeated exposure.
- Very toxic to aquatic life with long lasting effects.

Precautionary Statement

- Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- IF ON SKIN: Wash with plenty of soap and water.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If skin irritation occurs: Get medical advice/ attention.

3 **COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical identity	CAS Number	Content in percent (%)*
Metol	55-55-0	100%

\*All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume

4 **FIRST-AID MEASURES**

Ingestion	Do not induce vomiting. Seek medical attention.
Inhalation	Move to a fresh air environment. Contact a physician if breathing becomes difficult.
Skin contact	Wash skin with soap and water. If irritation persists, seek medical attention.
Eye contact	Flush eyes with large amounts of water for fifteen minutes. Separate eyelids with fingers. If irritation persists, seek medical attention.

## 5 **FIRE-FIGHTING MEASURES**

Flash Point:	Not Available
Explosion Limits:	Lower: Not Available Upper: Not Available
Auto Ignition Temperature:	Not Available
Extinguishing Media:	Carbon dioxide, dry chemical powder, alcohol-resistant foam or water spray.
Protective Equipment:	Wear self-contained respirator and fully protective impervious suit.
Specific Hazards:	May emit hazardous fumes under fire conditions.

## 6 **ACCIDENTAL RELEASE MEASURES**

Personal Protection:	Wear a self-contained breathing apparatus, rubber boots and gloves, and disposable coveralls. Dispose of coveralls after use. Keep unprotected persons away.
Environmental Precautions	Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

## 7 **HANDLING AND STORAGE**

Handling	Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Open and handle container with care. Keep ignition sources away.
Storage:	Store in a tightly closed container in a dry, well ventilated place.
Sensitivities:	Not Available

## 8 **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eyes:	Wear appropriate protective eyeglass or chemical safety goggles. Make sure that there is an eyewash facility in your vicinity.
Skin:	Wear impervious gloves and protective clothing.
Respiratory:	Use a NIOSH approved respirator when exposure

limits are exceeded or if irritation or other symptoms are experienced.

Exposure Limits:

Country	Source	Type	Value
USA	ACGIH	TWA	Not Available
USA	OSHA	STEL	Not Available
USA	OSHA	PEL	Not Available

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	Solid
Form	Powder
Color:	White
Odor	Not Available
Odor threshold	Not Available
pH	3.4 to 3.7
Melting point/freezing point	260 °C
Initial boiling point and boiling range:	Not Available
Flash Point	Not Available
Evaporation rate	Not Available
Flammability (solid, gas):	Not Available
Upper/lower limit on flammability or explosive limits	Not Available
Flammability limit - upper (%):	Not Available
Flammability limit - lower (%):	Not Available
Explosive limit - upper (%):	Not Available
Explosive limit - lower (%):	Not Available
Vapor pressure	Not Available
Vapor density	Not Available
Relative density	Not Available
Solubility(ies)	
Solubility in water:	Clear in 5% distilled water solution
Solubility (other):	Not Available
Partition coefficient (n-octanol/water):	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	Not Available
Other information	
Molecular weight	344.38

## 10 STABILITY AND REACTIVITY

Stability	Stable under normal temperatures and pressures.
Conditions to Avoid	Heat, Flame, Sparks, other ignition sources
Incompatible	Strong oxidizing agents
Hazardous Decomposition products	Carbon oxides, Nitrogen oxides, Sulfur oxides

## 11 TOXICOLOGICAL INFORMATION

RTECS Reference:	SL8650000
Target Organs:	Not Available
Toxicity Data:	Not Available
Skin corrosion/irritation:	Not Available
Serious eye damage/irritation:	Not Available
Carcinogenicity:	Not Available

12 **ECOLOGICAL INFORMATION**

Very Toxic to aquatic organisms: May cause long-term adverse effects in the aquatic environment.

13 **DISPOSAL CONSIDERATIONS**

Disposal instructions: Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations

14 **TRANSPORT INFORMATION**

DOT	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

15 **REGULATORY INFORMATION**

United States:

Toxic Substance Control Act (TSCA):	Listed
Superfund Amendments and Reauthorization Act (SARA 302):	Not listed
Superfund Amendments and Reauthorization Act (SARA 311/312):	Not listed
Superfund Amendments and Reauthorization Act (SARA 313):	Not listed

European Union:

European Inventory of Existing Chemical Substances (EINECS):	No. 200-237-1
Hazard Codes:	Xn,N
Risk Statements:	22-43-48/22-50/53
Safety Statements:	36/37-46-60-61
Canada	
Canadian Domestic Substances List (DSL):	Listed
Canadian Non-Domestic Substances List (NDSL):	Not listed

16 **OTHER INFORMATION**

Revision information	Version: 1.1 Revision Date: 3-16-2015
NFPA Rating	H:0 F:0 R:0

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Canton Chem, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Canton Chem, Inc. has been advised of the possibility of such damages