



# MARTRON INC. SAFETY DATA SHEET MARTRON MARSTRIP CU PART B

## Section 1: Identification

**Product Name:** MARTRON MARSTRIP CU PART B  
**Product Number:** MFC-004016

**Product Use:** N/A  
**Not Recommended For:** N/A

**Supplier Name:** Martron Inc.  
1394-A Walkup Ave.  
Monroe, NC 28110  
704-289-1934

**Website:** [www.martroninc.com](http://www.martroninc.com)

**Emergency Number:** CHEMTREC 800-424-9300

## Section 2: Hazard(s) Identification

### GHS Ratings:

Oral Toxicity	Acute Tox 4	Oral>300+<=2000mg/kg
Dermal Toxicity	Acute Tox 3	Dermal>200+<=1000mg/kg
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitizer	1	Suspected/Possible: May include heritable mutations in human germ cells, Positive evidence from tests in mammals and somatic cell tests, In vivo somatic genotoxicity supported by in vitro mutagenicity
Organ toxin single exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance) – Human evidence in exceptional cases
Organ toxin repeated exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance)- Human evidence in exceptional cases.

### GHS Hazards:

H302: Harmful if swallowed.  
H311: Toxic in contact with skin.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H341: Suspected of causing genetic defects.  
H371: May cause damage to organs.  
H373: May cause damage to organs through prolonged or repeated exposure.

### GHS Precautions:

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P260: Do not breathe dust/fume/gas/mist/vapors/spray.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264: Wash face, hands, and any exposed skin thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P281: Use personal protective equipment as required.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P314: Get Medical advice/attention if you feel unwell.  
 P321: Specific treatment (see first aid treatment on SDS).  
 P322: Specific measures (see first aid treatment on SDS).  
 P330: Rinse mouth.  
 P361: Remove/Take off immediately all contaminated clothing.  
 P362: Take off contaminated clothing and wash before reuse.  
 P363: Wash contaminated clothing before reuse.  
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P302+P352: IF ON SKIN: Wash with soap and water.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 P308+P313: IF exposed or concerned: Get medical advice/attention.  
 P309+P311: IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.  
 P337+P313: If eye irritation persists get medical advice/attention.  
 P405: Store locked up.  
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

**Signal Word:**  
**DANGER**



**Section 3: Composition / Information on Ingredients**

Chemical Name/CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium Chlorite 7758-19-2 10 to 20%			
Sodium Chlorate 7775-09-9 1 to 5%			

**Section 4: First Aid Measures**

**Inhalation:**

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

**Eye Contact:**

Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

**Skin Contact:**

Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash clothing separately and clean shoes before reuse.

**Ingestion:**

If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Section 5: Firefighting Measures**

LEL:

UEL:

**Extinguishing Media:**

Water

**Specific Hazards Arising from the Chemical:**

None known.

**Special Protective Equipment and Precautions for Firefighters Special Information:**

As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

**Section 6: Accidental Release Measures**

**Spill and Leak Procedures:**

Prevent material from entering sewers, waterways, or low areas. Do not allow to dry. Dilute with water. Pick up and transfer to properly labelled containers. After cleaning, flush away traces with water.

**Section 7: Handling and Storage**

**Handling Procedures:**

Use with adequate ventilation. Avoid breathing dusts, mists, and vapors. Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

**Storage Requirements:**

Store containers in a cool, dry, well ventilated place. Keep container closed when not in use.

**Section 8: Exposure Control / Personal Protection**

Chemical Name/CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium Chlorite 7758-19-2			
Sodium Chlorate 7775-09-9			

**Engineering Controls:**

Provide ventilation sufficient to maintain exposure below the recommended limits.

**Respiratory Protection:**

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator.

**Skin Protection:**

Wear impervious protective gloves. Wear protective gear as needed - apron, suit, boots.

**Eye Protection:**

Wear safety glasses with side shields (or goggles) and a face shield.

**Other Protective Equipment:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Hygienic Practices:**

Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

**Section 9: Physical and Chemical Properties**

<b>Appearance:</b>	Clear yellow liquid
<b>Odor:</b>	Unknown
<b>Vapor Pressure:</b>	Unknown
<b>Odor Threshold:</b>	Unknown
<b>Vapor Density:</b>	Unknown
<b>pH:</b>	Unknown
<b>Density:</b>	Unknown
<b>Melting Point:</b>	Unknown
<b>Freezing Point:</b>	Unknown
<b>Solubility:</b>	Soluble in water
<b>Boiling Range:</b>	Unknown
<b>Flash Point:</b>	Unknown
<b>Evaporation Rate:</b>	Unknown
<b>Flammability:</b>	Unknown
<b>Explosive Limits:</b>	Unknown
<b>Specific Gravity:</b>	1.192
<b>Auto-Ignition Temperature:</b>	Unknown
<b>Decomposition Temperature:</b>	Unknown
<b>Viscosity:</b>	Unknown
<b>Grams VOC Less Water:</b>	Unknown

**Section 10: Stability and Reactivity****Chemical Stability:**

STABLE

**Incompatible Materials:**

Strong acids and oxidizing agents. Organic materials, chlorinated compounds, Reducing agents

**Conditions to Avoid:**

Avoid elevated temperatures.

Extremes of temperature and direct sunlight.

**Hazardous Decomposition Products:**

Chlorine, Chlorine dioxide, Oxygen

**Hazardous Polymerization:**

Hazardous polymerization will not occur.

**Section 11: Toxicology Information****Mixture Toxicity:**

Oral Toxicity

LD50: 803mg/kg

Dermal Toxicity

LD50: 536mg/kg

Inhalation Toxicity

LC50: 1mg/L

**Routes of Entry:**

Inhalation

Ingestion

Skin contact

Eye contact

**Target Organs:**  
**Effect of overexposure:**

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
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### Section 12: Ecological Information

#### Component Ecotoxicity:

Sodium Chlorite

96 Hr LC50 Brachydanio rerio: 100 - 500 mg/L [static];  
96 Hr LC50 Lepomis acrochirus: >100 mg/L [static];  
96 Hr LC50 Oncorhynchus mykiss: >100 mg/L [static]  
48 Hr EC50 Daphnia magna: 0.026 mg/L;  
48 Hr EC50 Daphnia magna: 0.25 –0.33 mg/L [Flow through];  
48 Hr EC50 Daphnia magna: 0.012 – 0.018 mg/L [Static]

Sodium Chlorate

96 Hr LC50 Pimephales promelas: 13500 mg/L;  
96 Hr LC50 Oncorhynchus mykiss: 1750 mg/L;  
96 Hr LC50 Cyprinus carpio: 7090 mg/L

### Section 13: Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

### Section 14: Transportation Information

Refer to Bill of Lading or container label for DOT or other transportation hazard classification, if any.

### Section 15: Regulatory Information

Country	Regulation	All Components Listed
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### Section 16: Other Information

#### Date Prepared:

11/4/2016

#### Disclaimer:

The information herein is believed to be correct but does not claim to be all inclusive and should be used only as a guide. Neither the above-named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Our Safety Data Sheet (SDS) are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated Safety Data Sheet (SDS) for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.