



# MARTRON INC. SAFETY DATA SHEET MARTRON JETBLACK 10B

## Section 1: Identification

<b>Product Name</b>	<b>MARTRON JETBLACK 10B</b>
<b>Product Number</b>	<b>MFC-001504</b>
<b>Product Use</b>	Industrial
<b>Not Recommended For</b>	N/A
<b>Supplier Name</b>	<b>Martron Inc.</b> 1394-A Walkup Ave. Monroe, NC 28110 704-289-1934
<b>Website</b>	<a href="http://www.martroninc.com">www.martroninc.com</a>
<b>Emergency Number</b>	<b>CHEMTREC 800-424-9300</b>

## Section 2: Hazard(s) Identification

### GHS Ratings

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Corrosive to Metals	1	Corrosive to metals
Dermal Toxicity	4	Dermal $>1000$ + $\leq 2000$ mg/kg
Inhalation Toxicity	4	Gases $>2500$ + $\leq 20000$ ppm, Vapors $>10$ + $\leq 20$ mg/l, Dusts & mists $>1$ + $\leq 5$ mg/l
Skin corrosive	1A	Destruction of dermal tissue: Exposure $< 3$ min. Observation $< 1$ -hour, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity $\geq 3$ , Iritis $> 1.5$
Respiratory sensitizer	1	Respiratory sensitizer
Reproductive toxin	2	Human or animal evidence possibly with other information.
Organ toxin single exposure	1	Significant toxicity in humans- Reliable, good quality human case studies or epidemiological studies, Presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure (guidance)
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
Aquatic toxicity	A3	Acute toxicity $\leq 10.0$ but $< 100$ mg/l

### GHS Hazards

H226 Flammable liquid and vapour.  
H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H361 Suspected of damaging fertility or the unborn child.  
H370 Causes damage to organs.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H402 Harmful to aquatic life.

**GHS Precautions**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
- P233 Keep container tightly closed.
- P234 Keep only in original container.
- P240 Ground/bond container and receiving equipment,
- P241 Use explosion-proof electrical/ventilating/light/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- 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.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P281 Use personal protective equipment as required.
- P285 In case of inadequate ventilation wear respiratory protection.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P314 Get Medical advice/attention if you feel unwell.
- P321 Specific treatment (see first aid treatment on SDS).
- P363 Wash contaminated clothing before reuse.
- P390 Absorb spillage to prevent material damage.
- P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 If on skin (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P304+P341 If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P307+P311 IF exposed: Call a POISON CENTER or doctor/physician.
- P308+P313 If exposed or concerned get medical advice / attention.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.
- P370+P378 In case of fire: Use suitable media for extinction.
- P405 Store locked up.
- P406 Store in a corrosive resistant container with a resistant inner liner.
- P403+P235 Store in a well-ventilated place. Keep cool.
- 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 #	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Acetic Acid 64-19-7 50 to 60% Vapor Pressure: 11.4 mmHg	10 ppm TWA; 25 mg/m <sup>3</sup> TWA	15 ppm STEL 10 ppm TWA	NIOSH: 10 ppm TWA 25 mg/m <sup>3</sup> TWA 15 ppm STEL 37 mg/m <sup>3</sup> STEL

**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**

Flash Point: 39 C (102 F)

LEL: 5.00

**Extinguishing Media**

Dry chemical, carbon dioxide, water spray, or foam.

**Specific Hazards Arising from the Chemical**

Oxidizer contact with combustible materials, flammable materials and powdered metals could cause a fire or explosion.

**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**

Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area.

Stay upwind of spill. A vapor suppressing foam may be used to reduce vapors. Collect spilled materials for disposal.

Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials.

Remove from surface by skimming or with suitable absorbents. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Recover by pumping (use an explosion proof or hand pump).

**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 #	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Acetic Acid 64-19-7	10 ppm TWA; 25 mg/m <sup>3</sup> TWA	15 ppm STEL 10 ppm TWA	NIOSH: 10 ppm TWA; 25 mg/m <sup>3</sup> TWA 15 ppm STEL; 37 mg/m <sup>3</sup> STEL

#### 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 Colorless Liquid
<b>Odor:</b>	Sharp Acrid Odor
<b>Vapor Pressure:</b>	Approximately 2.1
<b>Odor Threshold:</b>	Not available
<b>Vapor Density:</b>	Approximately 2.1
<b>pH:</b>	< 2
<b>Density:</b>	Not available
<b>Melting Point:</b>	Not available
<b>Freezing Point:</b>	Approximately 32°F
<b>Solubility:</b>	Complete
<b>Boiling Range:</b>	Approximately 115°C
<b>Flash Point:</b>	39 C (102 F)
<b>Evaporation Rate:</b>	Not available
<b>Flammability:</b>	Not available
<b>Explosive Limits:</b>	Not available
<b>Specific Gravity:</b>	Approx. 1.06
<b>Autoignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Grams VOC Less Water:</b>	Not available

### Section 10: Stability and Reactivity

#### Chemical Stability

STABLE

#### Incompatible Materials

Metals, oxidizing agents, reducing agents, Acetylene, Ammonium Hydroxide, Ethanol, Ethylene Oxide, Hydrogen Peroxide, Oxalic Acid.

#### Conditions to Avoid

Keep away from heat, flame, ignition, oxidizing materials and strong bases.

#### Hazardous Decomposition Products

Oxides of Nitrogen and Carbon Oxides

**Hazardous Polymerization**

Hazardous polymerization will not occur.

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

Dermal Toxicity LD50: 1,824mg/kg

Inhalation Toxicity LC50: 20mg/L

**Component Toxicity**

64-19-7 Acetic acid

Oral LD50: 3,310 mg/kg (Rat)

Dermal LD50: 1,060mg/kg (Rabbit)

Inhalation LC50: 11 mg/L (Rat)

**Routes of Entry**

Inhalation

Ingestion

Skin contact

Eye contact

**Target Organs**

Eyes

Skin

Respiratory System

**Effects 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**

Acetic Acid 96 Hr LC50 Pimephales promelas: 79 mg/L [static];

96 Hr LC50 Lepomis macrochirus: 75 mg/L [static]

48 Hr EC50 Daphnia magna: 65 mg/L [Static]

**Section 13: Disposal Considerations**

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

**Section 14: Transportation Information**

**UN Code:** UN2790

**DOT Name:** Acetic Acid, Solution, More Than 10% But Not More Than 80% Acid

**Hazard Class:** 8

**Package Group:** II

**Section 15: Regulatory Information****CERCLA/SARA Hazardous Substances**

64-19-7 Acetic acid

**TSCA 8(b) Inventory**

64-19-7 Acetic acid

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
None		

**Section 16: Other Information****Date Prepared:** 10/1/2019**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.