



# MARTRON INC. SAFETY DATA SHEET MARTRON APA-2

## SECTION 1: COMPANY and MIXTURE IDENTIFICATION

<b>1.1 Product Name</b>	<b>MARTRON APA-2</b>
<b>Product Number</b>	<b>MFC-002026</b>
<b>1.2 Product Type and Use</b>	Metal Finishing Additive
<b>1.3 Supplier Details</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 800-494-9300</b>

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the Mixture According to GHS (EC 1272 -2008)

Eye Irrit. 2, H319

### 2.2 GHS Pictograms



### Signal Word

**WARNING**

### Hazard Statements

H319: Causes serious eye irritation.

### Precautionary Statements

P264: Wash thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

### 2.3 Additional Information

None

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Name	Product Identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Sodium 1,2-Bis(Pentyloxycarbonyl)ethanesulphonate	CAS no. 922-80-5 EC no. 213-085-6 Reach no. JCSL no. 2-1623	< 8%	Skin Irrit. 2; H315 Eye Irrit. 2; H319
Ethanol	CAS no. 64-17-5 EC no. 200-578-6 Reach no. Low Volume Exempt JCSL no. 2-202	< 2%	Flam. Liq. 2; H225

**SECTION 4: FIRST AID MEASURES****4.1 Description of First Aid Measures****Eye Contact**

Rinse under running water for several minutes.

**Skin Contact**

Flush exposed area with running water for a few minutes.

**Inhalation**

Move exposed individual to fresh air.

**Ingestion**

Provide two glasses of water if victim is conscious and get medical attention. Never give anything by mouth to an unconscious person.

**4.2 Important Symptoms and Effects, Acute and Delayed****Symptoms/Injuries**

Possible serious eye irritation.

**Symptoms/Injuries After Inhalation**

In case of inhalation remove to fresh air. If symptoms persist get medical attention.

**Symptoms/Injuries After Skin Contact**

May cause skin irritation to some individuals. Symptoms might include redness or irritation.

**Symptoms/Injuries After Eye Contact**

May cause serious eye irritation.

**Symptoms/Injuries After Ingestion**

Possible irritation to mouth, throat and esophagus.

**4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed**

No immediate medical attention or special treatment should be required while using this product as specified.

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing Media**

Dry chemical powder. Water spray. Carbon dioxide (CO2)

**5.2 Special Hazards from the Mixture**

Mixture itself does not burn but may decompose upon heating to produce fumes. Cool plastic drum, pail or tote containers which may swell or rupture upon heating.

**5.3 Advice for Firefighters**

Use personal protective equipment as described in Section (8) of the Safety Data Sheet (SDS).

**Protection from Firefighting**

Use self-contained breathing apparatus and chemically protective clothing. For further information refer to Section 8, Exposure-controls/personal protection.

**Other Information**

Avoid eye and skin contact.

HMIS: 0-0-0-

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal Precautions, Protective Equipment and Emergency Procedures  
For Non-Emergency Personnel**

Ensure adequate ventilation, Use personal protective equipment.

**For Emergency Responders**

Ensure adequate ventilation, Use personal protective equipment.

**6.2 Environmental Precautions**

Avoid discharge into soil, water or air.

**6.3 Containment and Cleanup****Methods for Cleanup**

Contain spills, cover with absorbent, carefully sweep up material and transfer to a suitable container for disposal.

**Other Information**

Comply with local regulations for disposal.

**6.4 Reference to Other Sections**

Refer to Section 8.

**SECTION 7: HANDLING and STORAGE****7.1 Precautions for Safe Handling**

Avoid contact with skin, eye and clothing. Avoid breathing dust, mist or spray. Refer to Section 8 for exposure controls.

**7.2 Conditions for Safe Storage, Including Any Incompatibilities****Storage Condition(s)**

Shelf life is two (2) years from date of manufacture. Store tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials**

No specific materials to avoid when used under normal conditions.

**Storage Area**

Floors should be impenetrable, resistant to liquids and easy to clean. Keep away from heat and direct sunlight. Do not store near oxidizing agents. Store in dry, cool, well-ventilated area.

**7.3 Specific End Use(s)**

Metal Finishing

## SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

### 8.1 Control Parameters

<b>ETHANOL (64-17-5)</b>		
USA	ACGIH - TEL	N/A
<b>SODIUM 1,2 BIS(PENTYLOXYCARBONYL)ETHANESULPHONATE (922-80-5)</b>		
USA	ACGIH - TEL	N/A

### 8.2 Exposure Controls

#### Exposure Controls

Maintain employee exposures to levels below the applicable exposure limits.

#### Ventilation

Use local or general exhaust to reduce airborne exposures.

#### Respiratory Protection

To reduce exposure a NIOSH-approved respirator should be used.

#### Hand Protection

Wear chemical resistant rubber gloves.

#### Eye Protection

Wear chemical safety glasses and/or face shield.

#### Skin Protection

Wear protective clothing as appropriate.

#### Other

Launder contaminated clothing before reuse.

## SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties

<b>Appearance</b>	Slightly turbid
<b>Flammability (solid, gas)</b>	No data available.
<b>Odour</b>	No data available.
<b>Explosive Limits</b>	No data available.
<b>Odour Threshold</b>	No data available.
<b>Vapor Pressure</b>	No data available.
<b>pH</b>	3.0 – 6.0
<b>Vapor Density</b>	No data available.
<b>Melting Point</b>	No data available.
<b>Relative Density</b>	1.005 – 1.020
<b>Solidification Point</b>	No data available.
<b>Solubility</b>	Complete in water.
<b>Boiling Point</b>	No data available.
<b>Self-Ignition Temperature</b>	No data available.
<b>Flash Point</b>	No data available.
<b>Decomposition Temperature</b>	No data available.
<b>Relat evapor rate</b>	
<b>comp to butyl acetate</b>	No data available.
<b>Viscosity</b>	No data available.

## SECTION 10: STABILITY and REACTIVITY

### 10.1 Reactivity

Product is stable at normal conditions.

**10.2 Chemical Stability**

Product is stable under normal conditions only. Product may not be stable under heat, moisture, pressure ventilation or exposure to incompatible or reactive materials.

**10.3 Possibility of Hazardous Reactions**

Product will not undergo polymerization.

**10.4 Conditions to Avoid**

Keep away from heat. Keep out of direct sunlight.

**10.5 Incompatible Materials**

Product may react with strong acidic and strong basic solutions.

**10.6 Hazardous Decomposition Products**

Product contains some organic materials which may decompose into oxides of carbon.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Toxicological Effects****Acute Toxicity**

No known acute toxicity effects when used as directed.

**Skin Corrosion/Irritation**

Not irritating to skin when used as directed.

**Respiratory or Skin Sensitization**

No known respiratory or skin sensitization affects when used as directed.

**Embryotoxic, Teratogenic, or Mutagenic**

None

**Carcinogenicity**

None

**Reproductive or Gonadotoxicity:**

None

**Specific Target Organ Toxicity - Single Exposure**

None

**CARCINOGENS:**

**IARC** Not all components verified  
**NTP** Not all components verified

**OSHA** Not all components verified  
**EU** Not all components verified

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Material is not harmful to aquatic life but avoid release into waterways.

**12.2 Persistence & Degradability**

No persistence and biodegradability data available.

**12.3 Bio-Accumulative Potential**

No known bio-accumulative potential.

**12.4 Mobility in Soil**

No known mobility in soils.

**12.5 PBT and vPvB Assessment**

This product does NOT contain substances which are persistent, bio-accumulative and toxic, or substances that are very persistent or very bio-accumulative per REACH Annex XIII.

**12.6 Other Adverse Effects**

No other adverse effects known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste Treatment Methods****Waste Disposal**

Dispose of this material and its container to waste collection point. Disposal must be done according to official regulations. Do not empty into drain or the aquatic environment.

**Ecology-Waste Materials**

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

**SECTION 14: TRANSPORTATION INFORMATION**

**14.1 U. S. DOT (LAND)** Not regulated by DOT

**14.2 I.A.T.A./I.C.A.O. (AIR)** Not regulated by IATA

**14.3 I.M.D.G. (SEA)** Not regulated by IMDG

**14.4 ERG Info** Not required  
**Reportable Quantity** None  
**Placard** Not required

**14.5 Environmental Hazards**

This mixture is not considered environmentally hazardous according to the UN Model Regulations and is not considered a marine pollutant according to the IMDG Code.

**14.6 Special Precautions**

No other special precautions are required for transport of this mixture.

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, Health and Environmental Regulations.****Classification according to Directive 1999/548/EC**

Xi; R36/38

**DPD Pictograms****Risk and Safety Phrases**

R36/38, S16, S20, S36/37

INGREDIENT

CAS NUMBER

CERCLA

SARA 313

SARA 302

REACH  
SVHC List

ROHS 2

**NATIONAL INVENTORIES:**

<b>AICS (Australia)</b>	Components listed
<b>ECN (Taiwan)</b>	Status not determined
<b>DSL (Canada)</b>	Components listed
<b>NDSL (Canada)</b>	Not all components listed
<b>ECL (Korea)</b>	Components listed
<b>NZIoC (New Zealand)</b>	Components listed
<b>EINECS (Europe)</b>	Components listed
<b>PICCS (Philippines)</b>	Components listed
<b>ENCS (Japan)</b>	Components listed
<b>SWISS (Switzerland)</b>	Status not determined
<b>IECSC (China)</b>	Components listed
<b>SCA (USA)</b>	Components listed

**15.2 WHMIS**

Components listed as CANADA WHMIS Class D2B - Materials Causing Other Toxic Effects.

**15.3 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this mixture by the supplier.

**SECTION 16: OTHER INFORMATION****16.1 Method of Evaluation**

Mixture hazard classification per UN GHS Purple Book, (EC) 1272/2008 Article 9(4), OSHA Haz-Com 2012.

**16.2 Other Information**

This information is provided in good faith from current, reliable sources and is believed to be correct. No warranty is expressed, implied, or given. The seller of this material assumes no responsibility for any damages resulting from contact with this material.

**16.3 Revision History**

06/5/15: New release.