



MARTRON INC. SAFETY DATA SHEET MARTRON ENP ADDITIVE

SECTION 1: COMPANY and MIXTURE IDENTIFICATION

1.1 Product Name MARTRON ENP ADDITIVE
Product Number MFC-002029

1.2 Product Type and Use Metal Finishing Additive

1.3 Supplier Details Martron Inc.
1394-A Walkup Ave.
Monroe, NC 28110
704-289-1934

Website www.martroninc.com

1.4 Emergency Number CHEMTREC 800-424-9300

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)
1,2-Benzisothiazol, 1,1-Dioxide Sodium Salt Dihydrate	CAS no. 6155-57-3 EC no. 612-173-5 Reach no. Low Volume Exempt	< 15%	Eye Irrit 2: H319

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**

May cause 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: 1-0-0-B

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

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**

1,2-Benzisothiazol, 1,1-Dioxide Sodium Salt Dihydrate (6155-57-3)

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

Laundry contaminated clothing before reuse.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES**9.1 Information on Basic Physical and Chemical Properties**

Appearance	Clear to slight tan solution
Flammability (solid, gas)	No data available
Odour	No data available
Explosive Limits	No data available
Odour Threshold	No data available
Vapor Pressure	No data available
pH	3.0- 5.0
Vapor Density	No data available
Melting Point	No data available
Relative Density	1.035 – 1.060
Solidification Point	No data available
Solubility	No data available
Boiling Point	No data available
Self-Ignition Temperature	No data available
Flash Point	No data available
Decomposition Temperature	No data available
Relat evap rate	
comp to butyl acetate	No data available
Viscosity	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

May cause some skin irritation.

Respiratory or Skin Sensitization

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

Embryotoxic, Teratogenic, or Mutagenic

None

Carcinogenicity

Product contains components listed by IARC, NTP, EU or OSHA as a carcinogen or suspect carcinogen.

Reproductive or Gonadotoxicity

None

Specific Target Organ Toxicity - Single Exposure

None

CARCINOGENS

IARC
NTP

YES
NONE

OSHA
EU

NONE
NONE

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Material should not harm aquatic life but avoid all releases to the aquatic environment.

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 b 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

DPD Pictograms**Risk and Safety Phrases**

R36; S26; S41

INGREDIENT	CAS NUMBER	CERCLA	SARA 313	SARA 302	REACH SVHC List	ROHS 2
COPPER SULFATE	7758-98-7	X	X			
SULFURIC ACID 50%	7664-93-9	X		X		

NATIONAL INVENTORIES:

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

15.2 WHMIS

Mixture may contain components listed on Canada WHMIS.

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

6/7/15 New Release