



MARTRON INC. SAFETY DATA SHEET MARTRON 5300-B

SECTION 1 – PRODUCT and COMPANY INFORMATION

Product Name: MARTRON 5300-B
Product Number: MFC-004548

Chemical Family: Metal Working Chemicals
Recommended Use: For industrial use only for parts processing.

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

Website: www.martroninc.com

Emergency Number:
CHEMTREC 800-424-9300

SECTION 2 – HAZARD IDENTIFICATION

Pictograms:
None

Signal Word:
None

Physical Hazards:
Not Classified

Health Hazards:
Not Classified.

Environmental Hazards:
Not Classified

HNOC:*
Noneknown

Supplemental Info:

HMIS Rating:
Health hazard: 0 Chronic Health Hazard: Flammability: 0 Physical Hazard 0

NFPA Rating:
Health hazard: 0 Fire Hazard: 0 Reactivity Hazard
*Hazard(s) not otherwise classified or not covered by GHS.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	% (wt.)
Sodium Hypophosphite	10039-56-2	10-20
Organic Acids	Mixture	10-20

SECTION 4 – FIRST AID MEASURES**If Inhaled:**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In Case of Skin Contact:

Wash off with soap and plenty of water.

In Case of Eye Contact:

Flush eyes with water as a precaution.

If Swallowed:

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most Important Symptoms and Effects, Both Acute and Delayed:

The most important known symptoms and effects are described in Section 2 and/or in Section 11

Indication of Any Immediate Medical Attention and Special Treatment Needed:

No data available

SECTION 5 – FIREFIGHTING MEASURES**Suitable Extinguishing Media:**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Hazards Arising from the Substance or Mixture:

Oxides of phosphorus, Sodium oxides

Advice for Firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

Further Information:

No data available

SECTION 6 – ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures:**

Avoid dust formation.

Avoid breathing vapors, mist or gas.

For personal protection see Section 8.

Environmental Precautions:

Do not let product enter drains.

Methods and Materials for Containment and Cleaning Up:

Keep in suitable, closed containers for disposal.

Reference to Other Sections:

For disposal see Section 13.

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

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see Section 2.

Conditions for Safe Storage, Including Any Incompatibilities:

Keep container tightly closed in a dry and well-ventilated place.

Specific End Use:

See Section 1.

SECTION 8 – EXPOSURE CONTROL and PERSONAL PROTECTION

Control Parameters**Components with Workplace Control Parameters:**

Organic Acid: OSHA PEL (United States).

TWA: 5 mg/m³ 8 hour(s).

Exposure Controls**Appropriate Engineering Controls:**

General industrial hygiene practice.

Personal Protective Equipment:**Eye/Face Protection:**

Use equipment for eye protection tested and approved under appropriate government standards:

Skin Protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good I practices. Wash and dry hands.

Respiratory Protection:

Not required.

Control of Environmental Exposure:

Do not let product enter drains.

SECTION 9 – PHYSICAL and CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties:

Physical State	Liquid
Color	Colorless to Slightly Yellow
Odor	Sweetish
Odor Threshold	Not Available
pH	5.7
Specific Gravity	1.25
Melting Point/Freezing Point	<32°F
Initial Boiling Point/Boiling Range	>212°F
Flash Point	Not Available
Evaporation Rate	Not Available
Flammability	Not Available
Flammability Limit – Lower (%)	Not Available
Flammability Limit – Upper (%)	Not Available
Explosive Limit - Lower (%)	Not Available
Explosive Limit - Upper (%)	Not Available
Vapor Pressure	Not Available
Vapor Density	Not Available
Relative Density	Not Available
Solubility	Not Available
Partition Coefficient (n-octanol/water)	Not Available
Auto-Ignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity	Not Available

Other Information:

VOC

0 g/l

Other Safety Information:

None

SECTION 10 – STABILITY and REACTIVITY**Reactivity:**

No data available

Chemical Stability:

Stable under recommended storage conditions.

Possibility of Hazardous Reactions:

No data available

Conditions to Avoid:

No data available

Incompatible Materials:

Strong oxidizing agents

Hazardous Decomposition Products:

None under normal storage and use. At the decomposition temperature product decomposes to form phosphine gas.

Other Decomposition Products:

No information.

In the Event of Fire:

See Section 5

Hazardous Polymerization:

Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION**Information on Toxicological Effects:**Sodium hypophosphite monohydrate:

Acute toxicity: LD50 Oral - rat - 7,640 mg/kg

Organic Acid:

LD50 Oral – Rat – 1600 ppm.

Inhalation:

No data available

Dermal:

No data available

Skin Corrosion/Irritation:

No data available

Serious Eye Damage/Eye Irritation:

No data available

Respiratory or Skin Sensitization:

No data available

Germ Cell Mutagenicity:

No data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP or OSHA.

Reproductive Toxicity:

No data available

Specific Target Organ Toxicity - Single Exposure:

No data available

Specific Target Organ Toxicity - Repeated Exposure:

No data available

Aspiration Hazard:

No data available.

Additional Information:

None.

SECTION 12 – ECOLOGICAL INFORMATION**Ecotoxicity:**

No data available

Persistence and Degradability:

No data available

Bio-Accumulative Potential:

No data available

Mobility in Soil:

No data available

Other Adverse Effects:

No data available

SECTION 13 – DISPOSAL CONSIDERATION**Waste Disposal Method:**

Dispose of waste in accordance with Federal, State and Local laws.

Disposal Regulatory Requirements:

Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses transformations, mixture, processes, etc., may render the resulting material hazardous (see waste classification)

Container Cleaning and Disposal:

Containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations.

SECTION 14 – TRANSPORT INFORMATION**DOT (US):**

Not dangerous goods.

IMDG:

Not dangerous goods.

IATA:

Not dangerous goods.

SECTION 15 – REGULATORY INFORMATION**SARA 302 Components:**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards:

No SARA Hazards

States:

Massachusetts Right to Know Components

New Jersey Right to Know Components:

Sodium hypophosphite monohydrate (CAS-No. 10039-56-2)

California Prop. 65 Components:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 – OTHER INFORMATION**Disclaimer:**

The information on this Safety Data Sheet (SDS) reflects the latest information and data available to **Martron Inc.** on the hazards, properties and handling of this product under the recommended conditions of use. The use of this product being beyond the control of **Martron Inc.** no warranty expressed or implied is made if not used in accordance with directions or established safe practices.

May 20, 2015