



# MARTRON INC. SAFETY DATA SHEET MARTRON HIGH PHOS OG-B

## SECTION 1 - PRODUCT and COMPANY INFORMATION

**Product Name:** MARTRON HIGH PHOS OG-B  
**Product Number:** MFC-004546

**Chemical Family:** Metal working chemicals  
**Recommended Uses:** For industrial use only for parts processing.

**Supplier:** 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 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	15-25
Organic Acid	-	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/m<sup>3</sup> 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 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:**

<b>Physical State</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	Sweetish
<b>Odor Threshold</b>	Not Available
<b>pH</b>	5.5
<b>Specific Gravity</b>	1.27
<b>Melting Point/Freezing Point</b>	<32° F
<b>Initial Boiling Point/Boiling Range</b>	>212° F
<b>Flash Point</b>	Not Available
<b>Evaporation Rate</b>	Not Available
<b>Flammability</b>	Not Available
<b>Flammability Limit – Lower (%)</b>	Not Available
<b>Flammability Limit – Upper (%)</b>	Not Available
<b>Explosive Limit - Lower (%)</b>	Not Available
<b>Explosive Limit - Upper (%)</b>	Not Available
<b>Vapor Pressure</b>	Not Available
<b>Vapor Density</b>	Not Available
<b>Relative Density</b>	1.27
<b>Solubility</b>	Not Available
<b>Partition Coefficient (n-octanol/water)</b>	Not Available
<b>Auto-Ignition Temperature</b>	Not Available
<b>Decomposition Temperature</b>	>475° F

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

New Jersey Right to Know Components:

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

**California Prop. 65 Components:**

WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

**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 express or implied is made if not used in accordance with directions or established safe practices.