

## MATERIAL SAFETY DATA SHEET

Section I – Product Information			
Product Name or Identity:	IRON-PLUS		
Manufacturer's Name:	Neogen Corporation	Emergency Phone No.	859 254 1221
	944 Nandino Blvd.	Fax No.:	859 255 5532
	Lexington, KY 40511	e-mail:	<a href="mailto:inform@neogen.com">inform@neogen.com</a>
Date Prepared or Revised: 11/15/05			

Section II – Hazardous Ingredients / Identity Information			
Hazardous Components (Specific Chemical Identity: Common Names)	OSHA PEL (Permissible Exposure Limits)	ACGIH TLV (Threshold Limit Value)	Toxicity Data LD <sub>50</sub>
The ingredients in this product are not considered hazardous			
Non-hazardous active ingredients:			
Ferric ammonium citrate    1200 mg/fl oz    CAS 1185-57-5	N/A	N/A	N/A
Copper gluconate            60 mg/fl oz    CAS 527-09-3	N/A	N/A	N/A
Cobalt sulfate                15 mg/fl oz    CAS 10124-43-3	N/A	N/A	N/A

Section III – Physical Characteristics	
Boiling Point: N/A	Specific Gravity (H <sub>2</sub> O = 1): N/A
Vapor Pressure (mm Hg.): N/A	Melting Point: N/A
Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: Water soluble	
Appearance and Odor: Flavored oral liquid.	

Section IV – Fire and Explosion Hazard Data	
Flash Point ( <i>Method Used</i> ): N/A	Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A
Extinguishing Media: Not flammable. Safe to use water spray, CO <sub>2</sub> , dry chemical powder, foam on surrounding fire	
Special Fire Fighting Procedures: Wear NIOSH-Approved breathing apparatus	
Unusual Fire and Explosion Hazards: When heated to decomposition, toxic fumes may be emitted	

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: None known
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> ): None known			
Hazardous Decomposition or Byproducts: CO, CO <sub>2</sub> , Nitrogen Oxides			
Hazardous Polymerization	May Occur		Conditions to Avoid: None known
	Will Not Occur	X	

Section VI – Health Hazard Data			
Route(s) of Entry:	Inhalation-Minor	Skin, eyes-Minor	Ingestion-Moderate route not hazardous
Health Hazards (Acute and Chronic)	Not considered hazardous by SARA, Title III.		
Carcinogenicity:	NTP-Not listed (National Toxicology Program)	IARC Monographs-Not listed (International Agency for Research in Cancer)	OSHA Regulated-No
Signs and Symptoms of Exposure: Prolonged contact may cause eye, skin or respiratory irritation			
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency / First Aid Procedures	<b>Ingestion:</b> Drink a large amount of water and seek medical attention if irritation develops.		
	<b>Inhalation:</b> Remove to fresh air, seek prompt medical attention if irritation develops		
	<b>Eye Contact:</b> Wash with copious amounts of water. Seek medical attention if irritation develops.		
	<b>Skin Contact:</b> Wash with soap and copious amounts of water		

Section VII – Precautions for Safe Handling and Use
Accidental Release Measures: Sweep or mop up spilled material and dispose of in suitable container
Waste Disposal Method: Disposal in dry landfill is acceptable. Ensure compliance with local, state and Federal regulations
Handling and Storing: Read and follow all label directions
Other Precautions: For veterinary use only

Section VIII – Control Measures		
Respiratory Protection (Specify Type): NIOSH Approved respirator or dust mask		
Ventilation	Local Exhaust: General dilution adequate	Special:
	Mechanical (General):	Other:
Protective Gloves: Rubber gloves		Eye Protection: Safety goggles or glasses
Other Protective Clothing or Equipment: Eyewash		
Work / Hygienic Practices: Normal work and hygienic practices		

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Neogen Corporation shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.