

MSDS

Stainless Steel Wire Brushes

Section I

Manufacturer's Name: Pferd Milwaukee Brush Company
Address: W142 N9251 Fountain Blvd. Menomonee Falls WI. 53051
Emergency Telephone Number: (262) 255-3200
Telephone Number for Information: (262) 255-3200
Date prepared: 11/2004

Section II - Hazardous Ingredients / Identity Information

Hazardous Components, (Specific Chemical Identity, Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	NTP Listed	IARC Listed	WT %
Iron	7439-89-6	None	None	No	No	48-89
Chromium	7440-47-3	1.00	0.50	Yes	Yes	10-27
Nickel	7440-02-0	1.00	1.00	No	Yes	0-35
Manganese	7439-96-5	C5 (6)	C5	No	No	0-15
Tungsten	7440-33-7	None	5.00	No	No	0-4
Molybdenum	7439-98-7	15.0	10.00	No	No	0-4
Aluminum	7429-90-5	None	10.00	No	No	0-2
Copper	7440-50-8	1.00	1.00	No	No	0-4
Silicon	7440-21-3	None	10.00	No	No	0-5
Cobalt	7440-48-7	0.10	0.05	No	No	0-5

Section III - Physical / Chemical Characteristics

Boiling Point: *N/A
Vapor Pressure (mm Hg.): *N/A
Vapor Density (AIR=1): *N/A
Solubility in Water: *N/A
Specific Gravity (H₂O=1): 7
Melting Point: *N/A

Evaporation Rate (Butyl Acetate=1): *N/A
Appearance and Odor: Bright silver metal; odorless

Section IV - Fire and Explosion Hazard Data

Flash Point (method used): *N/A
Flammable Limits: *N/A LEL: *N/A UEL: *N/A
Extinguishing Media: *N/A
Special Fire Fighting Procedures: *N/A
Unusual Fire and Explosion Hazards: None known

Section V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): None
Hazardous Decomposition or Byproducts: Metal fumes - iron oxide, manganese, nickel, chromium, molybdenum, copper, vanadium, pentoxide.
Hazardous Polymerization: Not known

Section VI - Health Hazard Data

Routes of Entry	Solution
Inhalation	Wear approved respirator.
Eyes	Wash eyes with water, seek medical attention.
Ingestion	Seek medical attention.
Clothing	Wash clothing.
Skin	Wear eye protection and protective clothing.

Carcinogenicity: Not known
Signs and Symptoms of Exposure: Not known
Medical Conditions Generally Aggravated by Exposure: Not known
Emergency and First Aid Procedures: Wash skin with soap and water; seek medical attention.

Section VII - Precautions For Safe Handling And Use

Steps to be taken in case material is released or spilled: *N/A
Waste disposal method: Dispose of in accordance with EPA or local regulations.
Precautions to be taken in handling and storage: *N/A
Other Precautions: Welding and cutting - use adequate ventilation and approved respirator.

Section VIII - Control Measures

Respiratory protection (specify type): Use approved NIOSH respirator.

Ventilation:

Local Exhaust: Use when welding or cutting.

Special: Depending on use, consult local, state and federal codes for appropriate selection.

Mechanical (General):

Protective gloves: Wear gloves.

Eye protection: Wear eye protection.

Other protective clothing or equipment: Wear protective clothing.

Work/Hygienic Practices: Keep work area clean.

*N/A = Not applicable