



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

THE METAL CLEANER

Product Number: 2823

Product Division:

IPG

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: **1-(800)-537-8990**

Medical Emergency: **1-(888)-314-6171 (24 hours)**

Chemical Leak/Spil Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Cleaning compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
Health: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal Pers. Prot. Equip.: B - Safety Glasses; gloves

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
NO HAZARDOUS INGREDIENTS AS DEFINED BY 29 CFR 1910.1200 AT 1% OR GREATER CONCENTRATION	NA -	NA -	NA -	NA -	NA -	No -

SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: 18 mm Hg @ 75°F
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 8.8-9.1 (Concentrate)	Specific Gravity (H ₂ O=1): 1.04
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 24-26
Physical State: Liquid	
Appearance & Odor: Amber, non-viscous liquid	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: N/A	
Special Fire Fighting Procedures: N/A	
Unusual Fire & Explosive Hazards: N/A	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not established	Primary Routes of Entry: Skin Contact
Effects of Overexposure- May cause skin and eye irritation. Do not get into eyes. Conditions to Avoid:	
Conditions Aggravated by Use: Unknown	
Emergency & First Aid Procedures:	
Eyes: In case of contact; immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Call a physician.	
Skin: Flush skin with water. Remove and wash clothing before reuse.	
Ingestion: If swallowed drink large amounts of water; contact a physician. Never give anything by mouth to an unconscious person.	

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong acids and strong oxidizing agents
Hazardous Decomposition Products: None known	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Flush with water to sanitary sewer system.
Waste Disposal Method: Same as above

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required
Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type): Rubber gloves
Eye Protection(Specify Type): OSHA approved chemical resistant goggles
Other Protective Equipment: None required

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: None necessary
Other Precautions: None

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THE METAL CLEANER

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

Effective Date: 09/27/99

Changes: Address and Format

Title: Manager, Regulatory Affairs

Supercedes: 02/12/98

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