



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**THE CARBIDE GRINDER**

Product Number: 2788

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:
<b>Health:</b> 1 - Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 1 - Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal <b>Pers. Prot. Equip.:</b> See Section VIII

### 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 <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Triethanolamine	NA	102-71-6	5 (ACGIH)	Not Established	Not Established	No
Benzotriazole	NA	95-14-7	15 (dust)	Not Established	Not Established	No
Tolyltriazole	NA	29385-43-1	Not Established	Not Established	Not Established	No
Potassium hydroxide	NA	1310-58-3	Not Established	Not Established	2 (NIOSH)	No
Polyoxyalkyleneamine	NA	65605-36-9	Not Established	Not Established	Not Established	No
Doedecanedioic acid	NA	693-23-2	Not Established	Not Established	Not Established	No
Undecanedioic acid	NA	1852-04-6	Not Established	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: @ 5%: 8.9-9.4	Specific Gravity (H <sub>2</sub> O=1): 1.04
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 20-22
Physical State: Liquid	
Appearance & Odor: Clear, odorless 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: Inhalation, Skin Contact, Eyes and Ingestion
Effects of Overexposure- Undiluted product causes eye and skin irritation. May be harmful if swallowed. Inhalation of product Conditions to Avoid: mist may cause respiratory irritation. Avoid skin and eye contact with undiluted product. Do not swallow. Avoid inhalation of product vapor or mist.	
Conditions Aggravated by Use: Preexisting skin, eye and respiratory disorders.	
<b>Emergency &amp; First Aid Procedures:</b>	
Eyes: Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation persists.	
Skin: Wash thoroughly with soap and water. Get medical attention if irritation persists.	
Ingestion: Do not induce vomiting. Drink one or two glasses of water to dilute product. Get immediate medical attention. Do not give anything by mouth to an unconscious person.	
Inhalation: In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.	

**SECTION VI: REACTIVITY DATA**

Stability: Stable	Incompatible Materials: Strong oxidizers
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: Contain and recover free liquid. Small amounts can be flushed with water to a sanitary sewer system.
Waste Disposal Method: Assure conformity with applicable disposal regulations.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Not usually required when good ventilation is provided. However, if exposure limits are exceeded (see Section II) or if respiratory irritation occurs a NIOSH approved respirator should be worn.
Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type): Impervious gloves are recommended when handling undiluted product. Gloves are also recommended when working with the diluted product for individuals with sensitive skin.
Eye Protection(Specify Type): Splash goggles are recommended to prevent eye contact.
Other Protective Equipment: See 29 CFR 1910.132-138.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing: Keep out of reach of children.
Other Precautions: `None

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**THE CARBIDE GRINDER**

Effective Date: 01/09/2002

Supercedes: 09/27/99

Ref: 29 CFR 1910.1200 (OSHA)

Changes: Sections II, III,V,VII, VIII &amp; IX

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