



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**SEMISPAR HD**

Product Number: 2870

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: Compounds, metal cutting, 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> 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 <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
2[(Hydroxymethyl) amino] ethanol Distilled, hydrotreated naphthenic oil	01-05 20-30 - -	34375-28-5 64742-52-5 64742-53-6 -	Not Established 5 (mineral oil mist) - -	Not Established Not Established - -	Not Established Not Established - -	No No - -

### SECTION III: PHYSICAL DATA

Boiling Point: 100°C, >212 °F	Vapor Pressure: 18 mm Hg @ 75°F
Vapor Density (AIR = 1): Unknown	Solubility in Water: Forms a microemulsion
pH: 9.5-10.0 (10% solution)	Specific Gravity (H <sub>2</sub> O=1): 1.00
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 50-60
Physical State: Liquid	
Appearance & Odor: Clear, light brown liquid	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None to boiling°F	Method Used: ASTM-D56
Flammable Limits: Not established	Flame Extension: N/A
Extinguishing Media: Foam, dry chemical, CO <sub>2</sub> , water fog or spray.	
Special Fire Fighting Procedures: Use air supplied breathing equipment for enclosed areas. Avoid breathing vapor or fumes.	
Unusual Fire & Explosive Hazards: Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.	

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact
Effects of Overexposure- May cause eye irritation. Concentrate may cause skin irritation. Conditions to Avoid:	
Conditions Aggravated by Use: Unknown	
<b>Emergency &amp; First Aid Procedures:</b>	
Eyes: In case of contact; irrigate well with water for at least 15 minutes. Remove contact lenses. If irritated; call a physician.	
Skin: In case of skin contact (with concentrate); flush well with water.	
Ingestion: If swallowed; do NOT induce vomiting. Call a physician	

**SECTION VI: REACTIVITY DATA**

Stability: Stable	Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: CO, CO <sub>2</sub> , sulfur oxides if burned	Hazardous Polymerization: Will Not Occur

**SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Recover free liquid. Add oil absorbent material. Keep petroleum products out of sewers and waterways.
Waste Disposal Method:	Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal site or facility.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	None required unless burned.
Ventilation:	Local exhaust: Follow ACGIH industrial ventilation recommendations. Mechanical: (Recommended). Provide ventilation for type of building structure and work area.
Protective Gloves(Specify Type):	Oil resistant gloves recommended when handling undiluted concentrate. Protective gloves are recommended for individuals with sensitive skin.
Eye Protection(Specify Type):	OSHA approved eye protection for oil.
Other Protective Equipment:	None

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Do not store near strong oxidants.
Other Precautions:	None

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**SEMISPAR HD**

Effective Date: 09/27/99

Supercedes: 02/12/98

Ref: 29 CFR 1910.1200 (OSHA)

Changes: Address and Format

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