



## Spartan Chemical Company, Inc.

### Material Safety Data Sheet

#### SECTION I: PRODUCT INFORMATION

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

**SPARCUT VHP**

Product Number: 2813

**Spartan Chemical Company, Inc.**

**1110 Spartan Drive**

**Maumee, OH 43537**

Product Division:

**IPG**

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

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

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

Shipping Description:	Compounds, metal cutting, liquids, n.o.s.
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NFPA Ratings:		HMIS Ratings:	
<b>Health:</b>	2 - Moderate	<b>Health:</b>	*2 - Moderate; Chronic Hazard
<b>Fire:</b>	1- Slight	<b>Fire:</b>	1- Slight
<b>Reactivity:</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)	% W	CAS Registry No.	Table Z- 1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Hydrotreated naphthenic oil	30-40	64742-52-5	5 (Oil mist)	Not Established	Not Established	No
Hydrotreated naphthenic oil	30-40	64742-53-6	5 (Oil mist)	Not Established	Not Established	No
Petroleum sulfonate	10-15	68608-26-4	Not Established	Not Established	Not Established	No
Polymeric ester	5-10	Proprietary	Not Established	Not Established	Not Established	No
Tall oil fatty acids	1-5	8002-26-4	Not Established	Not Established	Not Established	No
Nonyl phenol ethoxylate	1-5	9016-45-9	Not Established	Not Established	Not Established	No
Diethylene glycol	1-5	111-46-6	Not Established	Not Established	Not Established	No
Oleic acid	1-5	112-80-1	Not Established	Not Established	Not Established	No
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	1-5	4719-04-4	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:	Micro-emulsion
pH:	10% Solution: 10.0-10.8	Specific Gravity (H <sub>2</sub> O=1):	0.932
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	95-100
Physical State:	Liquid		
Appearance & Odor:	Brown / Mild amine odor		

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	> 212°F	Method Used:	Estimate
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, Eyes and Oral
Effects of Overexposure-Conditions to Avoid:	<p><b>Harmful to eyes:</b> Causes eye irritation with symptoms of pain, tear production and redness.</p> <p><b>Harmful to skin:</b> Causes skin irritation with symptoms of redness, pain and possible dermatitis.</p> <p><b>Harmful if swallowed:</b> May cause stomach or intestinal upset.</p> <p><b>Inhalation of product mist may cause respiratory irritation:</b> Symptoms may include irritation of nose, throat and airways. Contains petroleum distillates which may be aspirated into the lungs during swallowing or vomiting resulting in lung inflammation and other lung injury.</p> <p><b>Avoid contact with eyes, skin and clothing. Do not swallow. Avoid breathing product mists. Wash thoroughly after handling.</b></p>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		

### Emergency & First Aid Procedures:

Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation persists.
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
Ingestion:	Do not induce vomiting. Get medical attention immediately.
Inhalation:	Move person to fresh air. Get medical attention if irritation persists.

**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:	Prevent liquid from entering sewers, watercourses or low areas. Contain spilled liquid with sand, earth or other inert absorbent. Do not use combustible materials such as sawdust. In addition it is recommended that local authorities be contacted to determine if there are local reporting requirements.
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:	Normally not required if adequate ventilation is provided. However if exposure limits are exceeded (see Section II) or if respiratory irritation occurs; use of a NIOSH approved respirator appropriate for the conditions of use and chemicals in Section II should be considered.
Ventilation:	Local exhaust: Follow ACGIH Industrial ventilation recommendations. Mechanical (Recommended)- Provide ventilation suitable for type of building structure and work area.
Protective Gloves(Specify Type):	Rubber or other 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
Other Protective Equipment:	For further guidance see 29 CFR 1910.132-138.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Store in a cool dry place away from strong oxidizers and extreme heat. Keep containers sealed and stored upright when not in use.
Other Precautions:	Keep out of reach of children.

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SPARCUT VHP

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Effective 09/22/2008  
Date:

Title: Manager, Regulatory Affairs  
Supercedes: 11/30/2005

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