



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**CSD-43**

Product Number: 2454

Product Division:

**Janitorial**

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

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

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 2 - Moderate <b>Fire:</b> 2 - Moderate <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 2 - Moderate <b>Fire:</b> 2 - Moderate <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>	
*Methylene chloride	13	75-09-2	87	437	Not Established	Yes -
*Perchloroethylene	32	127-18-4	167	667	Not Established	IARC
Mineral spirits	>50	64742-47-8	Not Established	Not Established	Not Established	Yes - IARC No

Comment: \*This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

### SECTION III: PHYSICAL DATA

Boiling Point: Over 300 °F	Vapor Pressure: 38 mm Hg @ 75°F
Vapor Density (AIR = 1): >1	Solubility in Water: Negligible
pH: N/A	Specific Gravity (H <sub>2</sub> O=1): 0.99
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 0
Physical State: Liquid	
Appearance & Odor: Clear liquid, solvent odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: 149°F	Method Used: ASTM-D56
Flammable Limits: Unknown	Flame Extension: N/A
Extinguishing Media: Foam, dry chemical, Carbon dioxide, water fog or spray	
Special Fire Fighting Procedures: Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor, fumes or smoke.	
Unusual Fire & Explosive Hazards: Do not store or mix 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
Effects of Overexposure- CONDITIONS TO AVOID - EFFECTS OF **ACUTE** OVEREXPOSURE - EYES: Causes irritation, redness, tearing. SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. BREATHING: Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness, even death. SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal. CONDITIONS TO AVOID - May cause skin or eye irritation. Avoid prolonged breathing of vapors. May cause dizziness or drowsiness. Two ingredients, as noted in Section II, have been known to be carcinogenic in animals at high concentrations. Excessive exposure may affect central nervous system, liver or kidneys. If inhaled or absorbed may aggravate an angina condition.	
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. If irritation persists; seek medical attention.
Skin:	Flush skin with water for at least 15 minutes. If irritation persists; call a physician. Remove and wash clothing before reuse.
Ingestion:	If swallowed; do NOT induce vomiting. Contact a physician immediately.
Inhalation:	If overcome by vapors; remove victim to fresh air and call a physician.

**SECTION VI: REACTIVITY DATA**

Stability: Stable	Incompatible Materials: Strong oxidizing agents; strong alkalis; aluminum
Hazardous Decomposition Products: CO, CO <sub>2</sub> , phosgene	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 to spill area. Advise authorities if product enters sewers or waterways.
Waste Disposal Method:	Assure conformity with applicable disposal regulations. Dispose exhaust ventilation may be necessary for some operations. If mechanical ventilation is used, use explosion-proof motors.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	Use hydrocarbon vapor canister or supplied air respirator protection in confined or enclosed areas without adequate ventilation.
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations. If mechanical ventilation is used, use explosion-proof motors
Protective Gloves(Specify Type):	Solvent resistant such as polyvinyl alcohol
Eye Protection(Specify Type):	OSHA approved chemical resistant goggles
Other Protective Equipment:	None

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Do not store above 120°F. Do not handle or store near strong oxidants. Do not store near open flame.
Other Precautions:	Do not use cutting or welding torches on empty drums unless properly purged and cleaned.

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Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

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