



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**SD-20 ALL PURPOSE DEGREASER (AEROSOL)**  
Product Number: 6520

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

Shipping Description: ORM-D, Consumer commodity, cleaning compounds, aerosol, n.o.s.

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 1- Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 1- Slight	<b>Health:</b> 1- Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 1- Slight <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			NTP, IARC or OSHA Carcinogen
			TWA <sub>3</sub> mg/m <sup>3</sup>	STEL <sub>3</sub> mg/m <sup>3</sup>	CEILING <sub>3</sub> mg/m <sup>3</sup>	
*2-Butoxyethanol	5-10	111-76-2	120 (skin)	Not Established	Not Established	No
Isobutane	5-10	75-28-5	1900 (NIOSH)	Not Established	Not Established	No
Isopropanol	1-5	67-63-0	980	1225	Not Established	No
Tertapotassium pyrophosphate	1-5	7320-34-5	Not Established	Not Established	Not Established	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: (Concentrate) 212 °F	Vapor Pressure: Not Established
Vapor Density (AIR = 1): Not Established	Solubility in Water: Complete
pH: 10.5-11.5	Specific Gravity (H <sub>2</sub> O=1): 1.0
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: <5
Physical State: Liquid	
Appearance & Odor: Foam spray, citrus odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: Propellant: < 0°F	Method Used: ASTM-D3065
Flammable Limits: Not Established	Flame Extension: 0" NFPA 30 B Storage Level 1 Aerosol.
Extinguishing Media: Water, Carbon dioxide, Dry Chemical.	
Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure build-up and possible rupture, venting or bursting of containers. Use equipment or shielding required to protect personnel against bursting, rupturing or venting containers.	
Unusual Fire & Explosive Hazards: At elevated temperatures (130 °F/ 54 °C) containers may vent, rupture or burst.	

**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:	<b>MAY CAUSE EYE AND SKIN IRRITATION:</b> Symptoms may include pain, redness and swelling. May be harmful if absorbed through the skin. <b>MAY BE HARMFUL IF SWALLOWED.</b> Symptoms may include nausea, vomiting, pain and diarrhea. <b>INHALATION OF VAPORS OR SPRAY MIST MAY CAUSE RESPIRATORY IRRITATION.</b> Contains 2-butoxyethanol which may cause central nervous system depression with symptoms such as headache; dizziness; nausea and drowsiness. Exposure to 2-butoxyethanol may cause blood cell; liver and kidney damage based on animal data. <b>Avoid contact with eyes and skin and clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly with soap and water after handling.</b>
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.
<b>Emergency &amp; First Aid Procedures:</b>	
Eyes:	In case of contact; immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation persists.
Skin:	In case of contact; immediately flush skin with water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get 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: None known
Hazardous Decomposition Products: CO, CO <sub>2</sub>	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 through sanitary sewer system.
Waste Disposal Method:	Do not incinerate or puncture aerosol container. Dispose of in accordance with state or local regulations.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	Not normally required when good general ventilation is provided. However, if exposure limits (see Section II) are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or water-resistant gloves
Eye Protection(Specify Type):	Splash Goggles
Other Protective Equipment:	See 29 CFR 1910.132-138 for further reference.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Contents under pressure. Do not use near fires, sparks, or flame. Do not store where temperatures could exceed 120 °F.
Other Precautions:	Keep out of reach of children.

© SCC 02/17/2004	Name: Ronald T. Cook	Title: Manager, Regulatory Affairs
<b>SD-20 ALL PURPOSE DEGREASER (AEROSOL)</b>	Effective Date: 02/17/2004	Supercedes: 01/07/2000
Ref: 29 CFR 1910.1200 (OSHA)	Changes: Update Sections I, II, III, IV, V, VIII & IX	

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