



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:
Health: 1- Slight Fire: 0 - Minimal Reactivity: 1- Slight	Health: 1- Slight Fire: 0 - Minimal Reactivity: 1- Slight Pers. Prot. Equip.: 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 mg/m ³	STEL mg/m ³	CEILING mg/m ³	
*2-Butoxyethanol	5-10	111-76-2	240 (skin) 96	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
Tetrapotassium 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 ₂ 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- **MAY CAUSE EYE AND SKIN IRRITATION:** Symptoms may include pain, redness and swelling. May be harmful if absorbed through the skin.
Conditions to Avoid: **MAY BE HARMFUL IF SWALLOWED.** Symptoms may include nausea, vomiting, pain and diarrhea. **INHALATION OF VAPORS OR SPRAY MIST MAY CAUSE RESPIRATORY IRRITATION.** 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.
Avoid contact with eyes and skin and clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly with soap and water after handling.

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: 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, CO₂

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.

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SD-20 ALL PURPOSE DEGREASER (AEROSOL)

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Changes: Update Section II

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