



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 Division:

Janitorial

Product Number: 6520

Spartan Chemical Company, Inc.Product/Technical
Information: **1-(800)-537-8990****1110 Spartan Drive**Medical Emergency: **1-(888)-314-6171 (24 hours)****Maumee OH 43537**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 | Health: | 1- Slight |
| Fire: | 0 - Minimal | Fire: | 0 - Minimal |
| Reactivity: | 1- Slight | 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) | % W | 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 | 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 |
| 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-Conditions to Avoid: | <p>MAY CAUSE EYE AND SKIN IRRITATION: Symptoms may include pain, redness and swelling. May be harmful if absorbed through the skin.</p> <p>MAY BE HARMFUL IF SWALLOWED. Symptoms may include nausea, vomiting, pain and diarrhea.</p> <p>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.</p> <p>Avoid contact with eyes and skin and clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly with soap and water after handling.</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:

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| 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 ₂ | Hazardous Polymerization: | Will Not Occur |

SECTION VII: SPILL OR LEAK PROCEDURES

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| 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

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|----------------------------------|---|
| 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)**

Name: Ronald T. Cook

Effective Date: 02/17/2004

Date:

Title: Manager, Regulatory Affairs

Supercedes: 01/07/2000

Ref: 29 CFR 1910.1200 (OSHA) Changes: Update Sections I, II, III, IV, V, VIII & IX

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