

**SPARTAN CHEMICAL CO., INC.
MATERIAL SAFETY DATA SHEET**

SECTION I: PRODUCT INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label)
SD-20 ALL PURPOSE CLEANER (AEROSOL)

MANUFACTURER'S NAME
Spartan Chemical Co., Inc.

EMERGENCY TELEPHONE NO.
419/531-5551

ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)
110 N. Westwood Ave., Toledo, OH 43607

MANUFACTURER'S D-U-N-S NO.
00-503-6728

NFPA RATINGS:	HMIS RATINGS:
HEALTH-1 FIRE-0 REACT-1	HEALTH-1 FIRE-0 REACT-0 PERS. PROT.-A

SECTION II: HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)	TABLE Z-1-A			CARCINOGEN
			TWA	STEL	CEILING	
			mg/M ³	mg/M ³	mg/M ³	
*111-76-2	8	2-Butoxyethanol	120	---	---	No

*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 212°F	SPECIFIC GRAVITY (H₂O = 1) 1.0	PERCENT SOLID BY WEIGHT <1
VAPOR PRESSURE Unknown	EVAPORATION RATE (but. ace. = 1) <1	
VAPOR DENSITY (AIR = 1) Unknown	APPEARANCE AND ODOR Foam spray, citrus odor	IS MATERIAL: (LIQUID) SOLID GAS PASTE POWDER
SOLUBILITY IN WATER Complete		
pH 10.5-11.0		

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT - None
Propellant °F <0°C

METHOD USED - ASTM - D92

FLAMMABLE LIMITS - n/a

EXTINGUISHING MEDIA
n/a

SPECIAL FIRE FIGHTING PROCEDURES - Use equipment or shielding required to protect personnel against bursting, rupturing or venting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS - At elevated temperatures (54°C/130°F) containers may vent, rupture or burst.

SECTION V: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE – CONDITIONS TO AVOID **THRESHOLD LIMIT VALUE** – Not established
May cause eye and skin irritation. Avoid prolonged skin contact and inhalation of vapors or mist. Butoxyethanol is absorbed through the skin which may affect the liver, kidneys, lymph and blood systems; inhalation may irritate throat and respiratory system.

CONDITIONS AGGRAVATED BY USE – Unknown

PRIMARY ROUTES OF ENTRY INHALATION SKIN CONTACT OTHER (SPECIFY)

EMERGENCY AND FIRST AID PROCEDURES

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes.

SECTION VI: REACTIVITY DATA

STABILITY: UNSTABLE
 STABLE

INCOMPATIBILITY (MATERIALS TO AVOID) – None known

HAZARDOUS DECOMPOSITION PRODUCTS – CO₂, CO

HAZARDOUS POLYMERIZATION: MAY OCCUR
 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 (SPECIFY TYPE)

None required

VENTILATION – Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

PROTECTIVE GLOVES (SPECIFY TYPE)

Rubber or water-resistant gloves

EYE PROTECTION (SPECIFY TYPE)

Safety glasses

OTHER PROTECTIVE EQUIPMENT

None

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING – Contents under pressure. Do not use near fires, sparks or flame. Do not store where temperatures could exceed 120°F.

OTHER PRECAUTIONS – None

Spartan Chemical Co., Inc.
SD-10 (AEROSOL)
Ref: 29 CFR 1910:1200 (OSHA)

NAME
TITLE
DATE
SUPERCEDES

Thomas J. Mitchell
Director of Research
November 9, 1992
June 1, 1990