

# MATERIAL SAFETY DATA SHEET

## FOR PRESSURIZED PRODUCTS

### SECTION I - PRODUCT IDENTIFICATION

COMPANY NAME  
SPARTAN CHEMICAL COMPANY, INC.

Regular Telephone No. 419/531-5551  
Emerg. Telephone No.

ADDRESS  
110 North Westwood Avenue, Toledo, Ohio 43607

PRODUCT TRADE NAME OR BRAND NAME

SD-20 All Purpose Cleaner

OTHER PRODUCT DESCRIPTION OR IDENTIFICATION  
none

### SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT CHEMICAL NAME	TYPE OF HAZARD(S)	APPROX. WGT. %	TLV VALUE	OTHER TOXICITY INFORMATION
butoxyethanol	inhalation	4.5	50ppm	

### SECTION III - PHYSICAL DATA

BOILING POINT n/a @101.3 kPa (760mm Hg)	SPECIFIC GRAVITY/DENSITY (vs. water @4°C/39.2°F) n/a	
VAPOR PRESSURE MAXIMUM @54.5°C (130°F) 96 psig	PERCENT VOLATILES (Ambient/21°C/70°F)	Approximately 95 % by Volume
VAPOR DENSITY vs. AIR=1 @15-32°C (60-90°F) heavier	EVAPORATION RATE > 1 (vs. N-Butyl Acetate=1)	Solubility in Deionized Water (Wgt.% @10°C/50°F) complete
APPEARANCE AND ODOR (Description of spray and resultant residue) spray foam; odor of citronella		

### SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (minimum) Method: n/a	FLAMMABLE LIMITS IN AIR n/a
EXTINGUISHING MEDIA: foam, CO <sub>2</sub>	
SPECIAL FIREFIGHTING PROCEDURES: Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, or venting containers.	
UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures (over 54°C/130°F), containers may vent, rupture, or burst. Also see Section VI.	

Date Filled Out: 9/2/77 (Continued on Side 2) APPROVED BY U.S. DEPT. OF LABOR  
Prepared or Approved by: C.D. Werner, III AS "ESSENTIALLY SIMILAR" TO OSHA-20.

PRODUCT TRADE NAME: SD-20

PRODUCT DESCRIPTION: All purpose cleaner

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE (TLV): n/a

EFFECTS OF OVEREXPOSURE:

n/a

EMERGENCY AND FIRST AID PROCEDURES: If unconscious, remove victim to fresh air and call a physician. If gotten in eyes, flush immediately with large amounts of water.

## SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY: stable

INCOMPATIBILITY (Materials to avoid): (X) None with common materials

HAZARDOUS DECOMPOSITION PRODUCTS (From burning, welding, oxidation, high temperatures): n/a

HAZARDOUS POLYMERIZATION: will not occur

## SECTION VII - LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF CONTAINERS ARE LEAKING OR LARGE AMOUNTS ARE RELEASED: remove ignition sources

WASTE DISPOSAL METHOD: Do not puncture or incinerate containers. Give empty, leaking, or full containers to a disposal service equipped to safely handle and dispose of pressurized containers.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): n/a

VENTILATION	LOCAL EXHAUST (Hoods, Fans, etc.): n/a	SPECIAL: use in adequate ventilated area
	MECHANICAL (General Area Ventilation): n/a	

PROTECTIVE GLOVES: n/a	EYE PROTECTION: n/a
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OTHER PROTECTIVE EQUIPMENT: n/a

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store where temperatures could exceed

OTHER PRECAUTIONS: nothing special

SPECIAL PRECAUTIONARY STATEMENTS: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Date Filled Out: Prepared or Approved by:

The data on this form is given on an advisory basis only; it is not a guarantee or specification on the product. All data is filled out to the best of our knowledge and belief, but errors may occur. If you find such an error, please bring it to our attention. Our address and phone number are at the top of the form. Form #L751028LCM

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