

SPARTAN CHEMICAL CO., INC.
MATERIAL SAFETY DATA SHEET

CADER FROM

 ARROW MAINTENANCE SUPPLY, INC.
 (313) 861-6300
 20225 Livernois Detroit, MI 48221

SECTION I
PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER (as it appears on label)
 STAINLESS STEEL CLEANER & POLISH (AEROSOL)
 MANUFACTURER'S NAME
 Spartan Chemical Co., Inc.
 ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)
 110 N. Westwood Ave., Toledo, OH 43607
 HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101)
 Stainless Steel Cleaner - ORM-D, Cleaning Compound Liquid Compressed Gas
 ADDITIONAL HAZARD CLASSES (AS APPLICABLE)
 n/a
 CHEMICAL FAMILY
 n/a

EMERGENCY TELEPHONE NO.
 (419) 531-5551
 MANUFACTURER'S D-U-N-S NO.
 00-503-6728

FORMULA
 n/a

SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	SM	CHEMICAL NAME(S)	TLV mg/M ³	LISTED AS A CARCINOGEN IN NTP, IARC OR OSHA 1910(Z) (SPECIFY)
75-09-2	5-10	Methylene chloride	350	no
74-98-6	5-10	Propane	1800	no

SECTION III - PHYSICAL DATA

BOILING POINT
 N/a _____ °F _____ °C

VAPOR PRESSURE - Unknown
 @ 75 °F _____ °C _____ mm Hg _____ psi

VAPOR DENSITY (AIR = 1)
 Unknown

SOLUBILITY IN WATER
 Forms an emulsion
 pH
 8.8

SPECIFIC GRAVITY (H₂O = 1)
 0.97

EVAPORATION RATE (ethyl ether=1)
 >1

APPEARANCE AND ODOR
 Creamy sprayed film, lemon
 fragrance

PERCENT SOLID BY
 WEIGHT (%)
 7-9

IS MATERIAL: (LIQUID) SOLID
 GAS PASTE POWDER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT - None (conc.) METHOD USED - ASTM - D92 FLAMMABLE LIMITS LEL UEL
 Propellant °F <0 °C n/a

EXTINGUISHING MEDIA
 Water fog, dry chemical, CO₂

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 (over 54°C/130°F) container may vent, rupture or burst.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - CONDITIONS TO AVOID THRESHOLD LIMIT VALUE

May cause eye irritation.

PRIMARY ROUTES OF ENTRY INHALATION SKIN CONTACT OTHER (SPECIFY)

CONDITIONS AGGRAVATED BY USE

Unknown

EMERGENCY AND FIRST AID PROCEDURES

In case of eye contact, irrigate well with water. If irritated, call physician.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE CONDITIONS TO AVOID
STABLE

INCOMPATIBILITY (MATERIALS TO AVOID)
Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS
CO, CO₂

HAZARDOUS MAY OCCUR CONDITIONS TO AVOID
POLYMERIZATION: WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Dilute with water and flush into 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: LOCAL EXHAUST (SPECIFY RATE) - X SPECIAL
MECHANICAL (GENERAL) (SPECIFY RATE) OTHER

PROTECTIVE GLOVES (SPECIFY TYPE) EYE PROTECTION (SPECIFY TYPE)
None required Safety glasses while spraying

OTHER PROTECTIVE EQUIPMENT
None

SECTION IX - SPECIAL PRECAUTIONS

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

OTHER PRECAUTIONS
None

Spartan Chemical Co., Inc.
Stainless Steel Cleaner & Polish
Ref: 29 CFR 1910:1200 (OSHA)

NAME Thomas J. Mitchell
TITLE Assistant Vice President, Research
DATE October 1, 1985