

CUSTODIAL
file

SPARTAN CHEMICAL CO., INC.
MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label)
GLASS CLEANER AT 1:3 DILUTION

WARNING: This MSDS applies only to the stated dilution. For any other dilution ratio's, please refer to the MSDS for the concentrated product.

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

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

SECTION II: HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)	TABLE Z-1-A			CARCINOGEN
			TWA mg/M ³	STEL mg/M ³	CEILING mg/M ³	
67-63-0	1-2	Isopropanol	980	1225	---	No

SECTION III: PHYSICAL DATA

BOILING POINT 200-210°F	SPECIFIC GRAVITY (H₂O = 1) 1.00	PERCENT SOLID BY WEIGHT <0.1
VAPOR PRESSURE 18 mm Hg @ 75°F	EVAPORATION RATE (but. ace. = 1) <1	
VAPOR DENSITY (AIR = 1) Unknown	APPEARANCE AND ODOR Very light blue liquid, pleasant odor	IS MATERIAL: (LIQUID) SOLID GAS PASTE POWDER
SOLUBILITY IN WATER Complete		
pH 7.5-8.5		

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT - None **METHOD USED** - ASTM - D56 **FLAMMABLE LIMITS** - N/A

EXTINGUISHING MEDIA - N/A

SPECIAL FIRE FIGHTING PROCEDURES - None

UNUSUAL FIRE AND EXPLOSION HAZARDS - None

SECTION V: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE – CONDITIONS TO AVOID
May cause eye irritation.

THRESHOLD LIMIT VALUE – Not established

PRIMARY ROUTES OF ENTRY INHALATION ☐ SKIN CONTACT ☐ EYE CONTACT ☒

CONDITIONS AGGRAVATED BY USE – None known

EMERGENCY AND FIRST AID PROCEDURES – EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes; remove contact lenses. If irritation persists, seek medical attention.

SECTION VI: REACTIVITY DATA

STABILITY: UNSTABLE ☐ STABLE ☒

INCOMPATIBILITY (MATERIALS TO AVOID) – None

HAZARDOUS DECOMPOSITION PRODUCTS – None

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 copious amounts of water into sanitary sewer.

WASTE DISPOSAL METHOD – Same as above.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) – None required

VENTILATION – Good general ventilation should be sufficient for most conditions.

PROTECTIVE GLOVES (SPECIFY TYPE)
Not necessary

EYE PROTECTION (SPECIFY TYPE)
Safety glasses

OTHER PROTECTIVE EQUIPMENT – None

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING – None

OTHER PRECAUTIONS – None

Spartan Chemical Co., Inc.
GLASS CLEANER AT 1:3 DILUTION
Ref: 29 CFR 1910:1200 (OSHA)

NAME Thomas J. Mitchell
TITLE Director of Research
DATE October 15, 1993