

SPARTAN CHEMICAL CO., INC.
MATERIAL SAFETY DATA SHEET

SECTION I
PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER (as it appears on label)

GLASS CLEANER (BULK)

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)

Unrestricted

ADDITIONAL HAZARD CLASSES (AS APPLICABLE)

n/a

EMERGENCY TELEPHONE NO.

(419) 531-5551

MANUFACTURER'S D-U-N-S NO.

00-503-6728

SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	% W	CHEMICAL NAME(S)	Table Z PEL mg/M ³	ACGIH TLV mg/M ³	ACGIH STEL mg/M ³	CARCINOGEN
67-63-0	5-10	Isopropanol	980	980	1225	no
1-76-2	1-5	Ethylene glycol monobutyl ether (skin)	240	120	360	no

SECTION III - PHYSICAL DATA

BOILING POINT

200 °F °C

SPECIFIC GRAVITY (H₂O = 1)

0.989

VAPOR PRESSURE - Unknown

@ 75 °F °C mm Hg psi

PERCENT SOLID BY
WEIGHT (%)

VAPOR DENSITY (AIR = 1)

Unknown

EVAPORATION RATE (but. ace. = 1)

<1

SOLUBILITY IN WATER

Complete

APPEARANCE AND ODOR

Clear, light blue, ammoniacal

pH

10.0-11.0

odor

IS MATERIAL: (LIQUID) SOLID
GAS PASTE POWDER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT

136 °F °C

METHOD USED - ASTM - D92

FLAMMABLE LIMITS

Not established

EXTINGUISHING MEDIA

Water

SPECIAL FIRE FIGHTING PROCEDURES

None

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known



ARROW
MAINTENANCE
SUPPLY, INC.

(313) 861-6300

P.O. BOX 21189 (20225 LIVERNOIS)
DETROIT, MI 48221

SECTION V - HEALTH HAZARD DATA**EFFECTS OF OVEREXPOSURE - CONDITIONS TO AVOID**

THRESHOLD LIMIT VALUE - Not established

May cause skin and eye 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.

PRIMARY ROUTES OF ENTRY INHALATION x SKIN CONTACT x OTHER (SPECIFY)**CONDITIONS AGGRAVATED BY USE**

None known

EMERGENCY AND FIRST AID PROCEDURES

If swallowed, drink large quantities of water. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

SECTION VI - REACTIVITY DATASTABILITY: UNSTABLE STABLE x **INCOMPATIBILITY (MATERIALS TO AVOID)**

None known

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS MAY OCCUR POLYMERIZATION: WILL NOT OCCUR x **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 system.

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. Local exhaust ventilation may be necessary for some operations.

PROTECTIVE GLOVES (SPECIFY TYPE)

Rubber

EYE PROTECTION (SPECIFY TYPE)

Safety glasses

OTHER PROTECTIVE EQUIPMENT

None

SECTION IX - SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep away from heat and flame.

OTHER PRECAUTIONS

None

Spartan Chemical Co., Inc.
Glass Cleaner (Bulk)
Ref: 29 CFR 1910.1200 (OSHA)
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NAME
TITLE
DATE
SUPERCEDES

Thomas J. Mitchell
Director of Research
February 25, 1987
September 20, 1985