

CUST458

## HILLSBORO ELEMENTARY SCHOOLS

MATERIAL SAFETY DATA SHEET

CM 0126

215 E.E. 8th Ave.  
HILLSBORO, OH 47123

## PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER (as it appears on label)  
XTRACTION IIMANUFACTURER'S NAME  
Spartan Chemical Co., Inc.EMERGENCY TELEPHONE NO.  
(419) 531-5551ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)  
110 N. Westwood Ave., Toledo, OH 43607MANUFACTURER'S D-U-N-S NO.  
00-503-6728SECTION II  
HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%	CHEMICAL NAME(S)	- Table Z-1-A -			
			TWA	STEL	Ceiling	CARCINOGEN
			mg/M <sup>3</sup>	mg/M <sup>3</sup>	mg/M <sup>3</sup>	
*111-76-2	2	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 ____ °C	SPECIFIC GRAVITY (H <sub>2</sub> O = 1) 1.049	PERCENT SOLID BY WEIGHT (%) 9-11
VAPOR PRESSURE - 18 @ 75 °F ____ °C ____ x mm Hg ____ psi	EVAPORATION RATE (but. ace. = 1) <1	IS MATERIAL: (LIQUID) SOLID GAS PASTE POWDER
VAPOR DENSITY (AIR = 1) Unknown	APPEARANCE AND ODOR Clear, light green color, floral fragrance	
SOLUBILITY IN WATER Complete		
pH 11.3-11.8		

SECTION IV  
FIRE AND EXPLOSION HAZARD DATA

FLASH POINT None	METHOD USED - ASTM - D92 -	FLAMMABLE LIMITS n/a
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EXTINGUISHING MEDIA  
n/aSPECIAL FIRE FIGHTING PROCEDURES  
NoneUNUSUAL FIRE AND EXPLOSION HAZARDS  
None

#### SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - CONDITIONS TO AVOID      THRESHOLD LIMIT VALUE - Not established  
Dryness of skin with prolonged contact; dizziness with excessive breathing of vapors. Avoid eye contact; may cause eye irritation. 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 ☒    SKIN CONTACT ☒    OTHER (SPECIFY)

CONDITIONS AGGRAVATED BY USE - Unknown

EMERGENCY AND FIRST AID PROCEDURES - In case of contact immediately flush eyes with plenty of water for at least 15 minutes; call a physician. Flush skin with water. If swallowed, give large quantities of water or fruit juice. Call a physician immediately.

#### SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE ☐

STABLE ☒

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

None known

HAZARDOUS      MAY OCCUR ☐

POLYMERIZATION: WILL NOT OCCUR ☒

#### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush through normal sanitary sewer system with large amounts of water.

WASTE DISPOSAL METHOD

Same as above.

#### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

None

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

PROTECTIVE GLOVES (SPECIFY TYPE)

Solvent resistant

EYE PROTECTION (SPECIFY TYPE)

Safety glasses

OTHER PROTECTIVE EQUIPMENT

None necessary

#### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep from freezing.

OTHER PRECAUTIONS - None

Spartan Chemical Co., Inc.  
XTRACTION II  
Ref: 29 CFR 1910:1200 (OSHA)

NAME      Thomas J. Mitchell  
TITLE      Director of Research  
DATE      June 1, 1990  
SUPERCEDES      March 7, 1989