

## MATERIAL SAFETY DATA SHEET



Graphic Arts Products

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### Section 1 PRODUCT IDENTITY

**Label Name:** Maticlean  
**Chemical Family:** Organic Solvent  
**Formula Number:** Trade Secret

### Section 2 HAZARDOUS INGREDIENTS

<u>Components</u>	<u>CAS Number</u>	<u>TLV</u>
2-butoxyethanol	111-76-2	25 ppm skin 60%+

### Section 3 PHYSICAL & CHEMICAL PROPERTIES

<b>Boiling Point:</b>	335 ° F	<b>Specific Gravity:</b>	0.868
<b>Vapor Pressure:</b>	N/D	<b>Percent Volatile:</b>	90+
<b>Solubility in water:</b>	Emulsion		
<b>Appearance and Odor:</b>	Water white liquid, solvent odor.		

### Section 4 FIRE & EXPLOSIVE HAZARD DATA

**Flash Point:** 147 ° F TCC  
**Flammability Limits:** Upper: 1.1 Lower: 12.7  
**Extinguishing Media:** Carbon Dioxide, Foam, Dry Chemical

**Special Fire Fighting Procedure:** Recommended self-contained breathing apparatus with a full-face piece operated in a pressure-demand or other positive pressure mode and full body protective clothing. Water may be used to keep fire-exposed containers cool until fire is out.

**Unusual fire and explosive hazards and physical hazards:** Combustion forms peroxides of unknown stability. Also produces noxious smoke & fumes.

### Section 5 REACTIVE DATA

**Stability:** Stable  
**Conditions to avoid:** Flame, sparks, high energy sources.  
**Incompatibility:** Strong oxidizing agents.  
**Hazardous decomposition products:** Combustion can cause oxides of carbon, incompletely burned hydrocarbon products.  
**Hazardous polymerization:** Will not occur

### Section 6 HEALTH EFFECTS OF EXPOSURE

#### Health Hazard Data

**Primary Routes of Entry:** Eyes, skin, ingestion, & inhalation  
**Published Exposure Limits:** See Section 2  
**Listed as Carcinogen:** No  
**Effects of Overexposure:** None Known  
 (Including any medical conditions that are generally recognized as being aggravated by exposure)

Abbreviations: N/D - Not Determined N/A - Not Applicable N/F - Not Found

### Emergency and First Aid Procedures

<b>Eyes:</b>	Flush eyes with clear water for at least 15 minutes. If irritation or redness occurs, seek medical attention.
<b>Skin:</b>	Remove contaminated shoes or clothing and wash affected areas with soap and water. Harmful if absorbed through skin.
<b>Ingestion:</b>	This material is a potential aspiration hazard. DO NOT INDUCE VOMITING. If ingested seek medical attention immediately.
<b>Inhalation:</b>	Harmful if inhaled. Remove to fresh air. Restore breathing if necessary.

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*Section 7*

### **SPILL OR LEAK PROCEDURES**

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**Steps to be taken in case the material is released or spilled:**

Eliminate all ignition sources.  
 Keep downwind from spill. Clean up spill promptly. For small spills, absorb in an inert material (Clay, sand, dirt, etc.)  
 For large spills, contain spill and pump into drums.  
 Prevent runoff from entering drains, sewers, or streams.  
 Finally, flush spill area with cool water.

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*Section 8*

### **RECOMMENDED CONTROL MEASURES**

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<b>Respiration Protection:</b>	Use of respiration equipment is necessary if concentration exceeds exposure limits.
<b>Ventilation:</b>	Use adequate ventilation to keep vapors below exposure limits.
<b>Protective Gloves:</b>	Neoprene or impervious
<b>Eye Protection:</b>	Approved eye protection required
<b>Other Protective Equipment:</b>	A source of clean fresh water should be available for flushing eyes or skin. Impervious clothing should be worn as needed

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*Section 9*

### **SPECIAL PRECAUTIONS**

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<b>Special Handling &amp; Work Practice:</b>	Where splash can occur, use chemical goggles or full face shield.
<b>Storage Requirements:</b>	Store in a cool dry place, 40 ° to 90 ° F preferred. Store away from strong oxidizing agents. Do not store near food or feedstocks.

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*Section 10*

### **TRANSPORTATION DATA**

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<b>DOT:</b>	For quantities 110 gal or less, not regulated. Over 110 gallons: Combustible liquid.
<b>VOC:</b>	= 7.0 pounds/gallon, 839 grams/liter
<b>SARA:</b>	= 4.2 pounds/gallon, 504 grams/liter

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*Section 11*

### **PRECAUTIONARY LABELING**

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	For industrial use only.	
	Keep out of reach of children	
	See literature and/or container for additional information	
	Ground containers when transferring.	
<b>HMIS RATING:</b>	Health	2
	Flammability	2
	Reactivity	0
	Personal Protection	B

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