

## MATERIAL SAFETY DATA SHEET



Graphic Arts Products

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### Section 1 PRODUCT IDENTITY

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

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### Section 2 HAZARDOUS INGREDIENTS

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

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### Section 3 PHYSICAL & CHEMICAL PROPERTIES

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<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.		

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### Section 4 FIRE & EXPLOSIVE HAZARD DATA

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**Flash Point:** 148° 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.

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### Section 5 REACTIVE DATA

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**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

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### Section 6 HEALTH EFFECTS OF EXPOSURE

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#### 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)

**Emergency and First Aid Procedures**

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

*Section 7*

**SPILL OR LEAK PROCEDURES**

**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.

*Section 8*

**RECOMMENDED CONTROL MEASURES**

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

*Section 9*

**SPECIAL PRECAUTIONS**

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

*Section 10*

**TRANSPORTATION DATA**

- DOT:** For quantities 110 gal or less, not regulated. Over 110 gallons: Combustible liquid.
- VOC:** = 6.8 pounds/gallon, 839 grams/liter
- SARA:** = 4.0 pounds/gallon, 504 grams/liter

*Section 11*

**PRECAUTIONARY LABELING**

- For industrial use only.
- Keep out of reach of children
- See literature and/or container for additional information
- Ground containers when transferring.
- HMIS RATING:**

Health	2
Flammability	2
Reactivity	0
Personal Protection	B

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