

MATERIAL SAFETY DATA SHEET



Graphic Arts Products

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Date Prepared: August 21, 1996
Updated September 29, 2008

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

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

Section 4 FIRE & EXPLOSIVE HAZARD DATA

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.

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)

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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