



Graphic Arts Products

MATERIAL SAFETY DATA SHEET

Base-Line Inc.
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Ph. 203.925.0240
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Emergency Telephone:
1.877.651.5329 - product tracking code 9755
Date Prepared: January 26th, 2006
Reviewed: March 1, 2009

Jomac DPS- Dampening Prep Solution

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Section 1 PRODUCT IDENTITY

Label Name: Jomac Dampening Prep Solution (Jomac – DPS)
Chemical Family:
Formula Number:

Section 2 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSa PEL	ACGIH TLV	Weight %
2-BUTOXY ETHANOL	111-76-2	240mg/m ³	121 mg/m ³ (skin)	10-15
ZINC NITRATE	7779-88-6	N.E.	N.E.	< 1
PHOSPHORIC ACID	7664-38-2	1mg/m ³	1mg/m ³	< 1

Section 3 PHYSICAL & CHEMICAL PROPERTIES

Boiling Point:	>200°F	Specific Gravity:	1.02 Water =1
Melting Point:	N/A	Vapor Pressure:	N.E.
Evaporation Rate:	< 1	Freezing Point:	N.E.
Vapor Density:	N.E.	Ph:	2.17
Solubility in water:	Complete	Percent Volatile:	88.94
VOC:	130.07 g/L or 12.76% or 1.09 lbs/gal	Pounds per gallon:	8.53
Appearance and Odor:	Light blue clear liquid with slight butyl odor		

Section 4 FIRE & EXPLOSIVE HAZARD DATA

Flash Point (Method used):	Nonflammable	Flammability Limits:	LEL N/A	UEL N/A
Extinguishing Media:	Foam, water fog, carbon dioxide, dry chemical.			
Special Fire Fighting Procedure:	Firefighters should wear proper protective equipment and self-contained breathing apparatus and full protective clothing to avoid contact with eyes and skin.			
Unusual fire and explosive hazards:	None.			
Combustion products:	Carbon dioxide and carbon monoxide.			

Section 5 REACTIVITY DATA

Stability:	Stable
Conditions to avoid:	N/A
Incompatibility:	Bases
Hazardous decomposition or byproducts:	Carbon dioxide and carbon monoxide.
Hazardous polymerization:	Will not occur

Section 6 HEALTH HAZARD DATA

Eyes:	May cause irritation and burning.
Skin:	May cause irritation or reddening.
Ingestion:	Vapor can cause irritation to mucous membranes and nasal tract.
Inhalation:	Acidic nature of solution may cause irritation or corrosion to digestive tract.

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Health Hazard Data

Primary Routes of Entry	N/A
Published Exposure Limits	N/A
Listed as carcinogen	None of the components in this product is listed by IARC, NTP, or OSHA as carcinogen.
Effects of Overexposure	Eye and skin burns, abdominal pain, vomiting and diarrhea upon ingestion, difficulty breathing.

Emergency and First Aid Procedures

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Get immediate medical attention.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion: Do not induce vomiting. Give large quantities of milk or water. Get medical attention immediately.
Skin Contact: Wash skin with plenty of water. Wash contaminated clothing before reuse.
Aggravated Medical Conditions: Asthmatics or individuals with skin sensitivities.
Supplemental Health Information: None of the components in this product is listed by IARC, NTP, or OSHA as carcinogen.

Section 7

SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Spilled Or Released:

Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill. Discharge to sewer requires approval of permitting authority and may require pretreatment.

Section 8

RECOMMENDED CONTROL MEASURES

Respiratory Protection:	Avoid inhalation of the product vapors. When this product is used in the intended way, no respiratory protection is anticipated to be necessary. If use conditions do not maintain vapors or fumes below exposure limits, use a NIOSH approved respirator with Acid gas, organic vapor cartridges.
Ventilation:	Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Protective Gloves: Rubber or neoprene waterproof gloves are recommended.
Eye Protection:	Safety glasses with side shields (or goggles).
Other Protective Clothing or Equipment:	Rubber or plastic apron or other protective clothing suitable for the exposure risk.
Work/Hygienic Practices:	Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.
Engineering Controls:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Section 9

SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storage:

Store in a cool, dry, well ventilated area. Keep containers closed. Do not store with incompatible materials. Do not store or consume food, drink, or tobacco where they may become contaminated with this material. Other Precautions: All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Do not reuse containers. Triple rinse before disposal.

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Section 10

TRANSPORTATION DATA

Ship Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Contains Phosphoric Acid)
Hazard Class: 8
UN No.: 3264
Packing Group: III
Guide No: 154

Limited Quantity Exception may apply to this product, for "inner packagings not over 4.0L (1 gal) for liquids and 5.0 kg (11 lb) for solids". 173.154 (b) (2). Each package must conform to the packaging requirements of Subpart B of Part 173 and may not exceed 30 kg (66 lb) gross weight. For further information consult the 49 CFR.

DOT Class: CONSUMER COMMODITY, ORM-D
Hazard Class: NOT APPLICABLE
UN No.: NOT APPLICABLE
Packing Group: NOT APPLICABLE
Guide No: NOT APPLICABLE
Ship Name: NOT APPLICABLE

TSCA: All ingredients in this finished product are listed on the EPA TSCA INVENTORY.
SARA TITLE III: Glycol ethers are listed under Sara Title 313. Zinc Nitrate is listed under Sara Title 313 as a Zinc compound.
CALIF. PROP. 65: None

Section 11

PRECAUTIONARY LABELING

HMIS RATING:	Health	2
	Flammability	0
	Reactivity	1
	Personal Protection	C

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