



Material Safety Data Sheet: AP1000

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1 - MATERIAL IDENTIFICATION

Product Name: Screen Wash AP-1000

Product Number: AP1000

Date: September 18, 2001

Manufacturer: RhinoTech, Inc.

Chemical family: Mixture

Material Use of Occurrence: Ink remover

Emergency Contact : CHEMTREC: 800-424-9300, Only in the event of a chemical emergency involving a spill, leak, fire, exposure or accident.

HMIS Hazard ratings:
Health: 1 0 = None
Fire: 0 1 = Slight
Reactivity: 0 2 = Moderate
Special: NA 3 = Serious
4 = Severe

2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA /PEL	ACGIH/TLV	OSHA Hazard
2-Butoxyethanol (Butyl Cellosolve)	111-76-2	25 ppm	20 ppm	Skin, Eye
Proprietary Solvent Blend	**	NA	NA	NA

**The exact composition for this mixture is considered to be a Trade Secret and is withheld in accordance with the provisions of 29 CFR 1910.1200. Complies with California SCAQMD rule 1171.(see section 10 "Regulations")

3 - CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point: 324° F

Specific Gravity: .995 @ 25 C

Vapor Pressure: < 1.0 mm Hg @ 25C

Melting Point: NA

Vapor Density (air = 1): Greater than 1

Evaporation Rate (butyl acetate = 1): Less than 1.0

Solubility in Water: Complete

Appearance and Odor: Clear liquid ether odor

pH =NA

4 - FIRE AND EXPLOSION DATA

Flash Point: None

Flammable Limits: LEL: 1.1 UEL: 10.6

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Extinguishing Media: As Appropriate for Surrounding Fire; Water Spray, Alcohol Foam, Carbon Dioxide, Dry Chemical

5 - REACTIVITY INFORMATION

Stable: YES Unstable:

Hazardous Polymerization Occurs: Does Not: X

Incompatibility: Strong Oxidizers, Heat and open flame

Hazardous Decomposition Products: CO₂, CO, HCL, NO_x, Hydrocarbons

6 - Health Hazard Data

Inhalation:

Repeated or excessive inhalation of vapor, mist or spray can cause irritation, chemical pneumonia, dizziness and nausea.

Skin:

Repeated or excessive contact can cause irritation.

Butyl Cellosolve can be absorbed through skin and may cause damage to kidneys, liver and eyes.

Eyes:

Causes irritation.

Ingestion:

Can cause digestive system upset, and irritation, nausea and stomach distress, blood disorders and even death.

7 - Emergency and First Aid ProceduresInhalation:

Remove to fresh air. Use artificial respiration and oxygen if needed.
If irritation persists, seek medical attention.

Skin:

Flush with large amounts of water. If irritation persists, seek medical attention.

Eyes:

Flush with water for 15 minutes while holding eyelids open. Get medical attention if irritation persists.

Ingestion:

If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat.
NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON, CALL PHYSICIAN.

8 - Special Protection InformationRespiratory Protection:

Use NIOSH approved equipment suitable for nuisance mist when airborne exposure is excessive.
Provide ventilation to minimize exposure.

Protective Clothing:

Eyes: Wear splash proof goggles where exposure is possible.

Skin: Wear chemical resistant gloves, boots and clothing. Have convenient safety showers.

9 - Precautions for Safe Handling and UseSteps to Be Taken in Case Material is Released or Spilled:

Flush with copious amounts of water.

Waste Disposal Method:

Dispose of in accordance with local, state and federal authorities.

Precautions to Be Taken in Handling and Storing:

Keep containers closed tightly. **Keep out of reach of children**

10 - Regulatory and D.O.T. Shipping Information

Proper Shipping Name: Not Regulated in quantities less than 110 gal.
Combustible Liquid, NOS (In Bulk > 110 Gal. Only)

Hazard Class: None

Label Requirements: None

Reportable Quantity: None

SARA, Title III: Reportable for Section 313 (Form R): Glycol Ether (Butyl Cellosolve), 10-20%

California SCAQMD: Meets requirements of Rule 1171 for Solvent Cleaning in Screen Printing Operations.

Contains: 400 g/l VOC Composite Partial Pressure: Less than 5 mm Hg @ 25C

Canada EPA DSL Inventory: Consult RhinoTech, Inc. regarding status of ingredients.

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