



# MATERIAL SAFETY DATA SHEET

## SECTION 1 — PRODUCT IDENTIFICATION

**Product identifier:** Expert Ink Remover

**Product Number:** 1044

**Manufacturer's name and address:** Refer to supplier

**Supplier name and address:**

### ***ALBATROSS USA INC./EXPERT WORLDWIDE***

36-41 36<sup>th</sup> Street  
Long Island City, New York  
United States  
11106  
718-392-6272

5439 San Fernando Road West  
Los Angeles, California  
United States  
90039  
818-543-5850

**Emergency Telephone #:** Chemtrec (Day or Night) 800-424-9300  
(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

This MSDS complies with 29CFR 19190.1200 (Hazard Communication Standard) and WHMIS regulations.

**IMPORTANT:** Read this MSDS before handling and disposing of this product. Pass this information on to employees, customer, and users of this product.

## SECTION 2 — COMPOSITION/INFORMATION OF INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% Wt.</u>	<u>TLV (ppm)</u>	<u>Agency</u>
Diethylene Glycol	111-46-6	15-40%	50 ppm	OSHA
Ethylene Glycol Mono Butyl Ether	111-76-2	15-40%	20 ppm	ACGIH
Diacetone Alcohol	123-42-2	15-40%	50 ppm	OSHA

## SECTION 3 — HAZARDS IDENTIFICATION

\*\*\*POTENTIAL HEALTH EFFECTS\*\*\*

*Inhalation:* Toxic and harmful if inhaled. Vapors expected to be irritating.

*Skin contact:* Irritating to the skin causing a burning sensation, redness and/or swelling

*Eye contact:* Liquid is moderately to severely irritating to the eyes causing pain, redness, swelling and blurred vision.

*Ingestion:* Liquid is moderately toxic and may be harmful if swallowed: May produce CNS Depression.

## SECTION 4 — FIRST AID MEASURES

- Inhalation:** Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.
- Skin contact:** Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse. If redness, swelling, pain, and/or blister occur, transport to the nearest medical facility for additional treatment.
- Eye contact:** Flush eyes with large amounts of water for at least 15 minutes, by the clock, while holding eyelids open. Transport to nearest medical facility for additional treatment.
- Ingestion:** If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

## SECTION 5 — FIRE FIGHTING MEASURES

**Flash point:** 162 Deg. F

**Flammable limits:** LEL: N/A UEL: N/A

**Autoignition Temperature:** 500 Deg. F. NOTE: Approximate

**General Hazard:** Combustible Liquid, can form combustible mixtures at temperatures at or above the flashpoint. Statistic Discharge, material can accumulate static charges which can cause an incendiary electric discharge.

NOT

“Empty” containers retain product residue (liquid and/or vapor) and can be dangerous. DO

pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; **THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** Empty drums should be completely drained, properly bunged and promptly Returned to a drum reconditioner, or properly disposed of.

**Fire-fighting:** Use water spray to cool fire exposed surfaces and to protect personnel. Isolate “fuel” supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boilover. This liquid is volatile and gives off invisible vapors, Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

**Decomposition Products Under Fire Conditions:** No unusual

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Land Spill:** Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting (see Section 15 REGULATORY INFORMATION) notify the National Response Center. Prevent liquid from entering sewers, watercourses, or low areas.

Contain

spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. Consult an expert on

disposal of recovered material and ensure conformity to local disposal regulations.

## SECTION 6 — ACCIDENTAL RELEASE MEASURES – Cont'd

**Water Spill:** Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

## SECTION 7 — HANDLING AND STORAGE

### **Electrostatic Accumulation Hazard:**

Yes, use proper bonding and/or grounding procedure. Additional information regarding safe handling of products With static accumulation potential can be ordered by contacting the American Petroleum Institute (API) for API Recommended Practice 2003, entitled “Protection Against Ignitions Arising Our of Static, Lighting, and Stray Currents” (American Petroleum Institute, 1220 L Street Northwest, Washington, DC 20005), or the National Fire Protection Association (NFPA) for NFPA 77 entitled “Static Electricity” (National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101).

### **Storage and Handling:**

Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from Incompatible materials. Do NOT handle or store near an open flame, heat or other sources of ignition. Protect Material from direct sunlight. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures. Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do NOT reuse empty containers without commercial cleaning or reconditioning.

## SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

### **Exposure Controls:**

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a lab hood. Provide mechanical ventilation of confined spaces. See respiratory Protection recommendations.

### **Personal Protection:**

For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where contact may occur, wear safety glasses with side shields. Where concentrations in air may exceed the limits given in this Section and engineering, work practice or other means of exposure reduction are not adequate. NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Specific Gravity:** .9946 @ 20°C

**Melting/freezing point F:** Less than -76

**Solubility in water (%):** Complete

**Boiling point range F :** 340 – 473

**Vapor pressure (mmHg @ 20°C):** 0.392

**Evaporation rate (nBuOAC=1):** Less than 0.1

## SECTION 10 — REACTIVITY AND STABILITY DATA

**Stability:** Stable.

**Conditions to Avoid Instability:** Not applicable.

**Hazardous Polymerization:** Will not occur

**Conditions to avoid Hazardous Polymerization:** Not applicable

**Materials and Conditions to Avoid Incompatibility:** Strong oxidizing agents.

**Hazardous Decomposition Products:** None

## SECTION 11 — TOXICOLOGICAL INFORMATION

Please refer to Section 3 for available information on potential health effects.

## SECTION 12 — ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

## SECTION 13 — DISPOSAL CONSIDERATIONS

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

## SECTION 14 — TRANSPORT INFORMATION

**Transportation of Dangerous Goods (TDG) information:**

*Shipping description:* Not regulated in containers less than 119 gallon capacity.

**49 CFR information:**

*Shipping description:* Compound, Cleaning Liquid (Flash point > 141°F/61°C)

DOT Hazard Class: Not regulated.

**International Dangerous Goods information:**

*IMO:* Not Regulated.

*ICAO:* Not Regulated.

## SECTION 15 — REGULATORY INFORMATION

**TSCA:** This product is listed on the TSCA Inventory

**SARA TITLE III:** Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories: Fire Hazard, Immediate (Acute

Health Hazard.

**SARA Toxic Release Inventory (TRI) (313):**

Certain Glycol Ethers

This information may be subject to the provisions of the Community Right-to-Know Reporting Requirements (40 CFR 370) if threshold quantity criteria are met.

**SECTION 15 — REGULATORY INFORMATION Cont'd**

**Comprehensive Environmental Release, Compensation & Liability ACT (CERCLA):**

Certain Glycol Ethers                      RQ 1000 lbs.                      Reportable Spill => 1000 lbs. or 133 gallons

**SECTION 16 — OTHER INFORMATION**

**HAZARD RATING SYSTEMS:**

This information is for people trained in:

- National Paint & Coatings Association's (NPCA)  
Hazardous Materials Identification System (HMIS)
- National Fire Protection Association (NFPA 704)  
Identification of the Fire Hazards of Materials

	<u>NPCA-HMIS</u>	<u>NFPA 704</u>	<u>Key:</u>
Health	1	1	4 = Severe
Flammability	2	2	3 = Serious
Reactivity	0	0	2 = Moderate
			1 = Slight
			0 = Minimal

**Prepared by:** Albatross USA Inc.  
**Telephone number:** 718-392-6272  
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**NOTICE:**

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.