



## MATERIAL SAFETY DATA SHEET

### SECTION I – Chemical Product and Company Identification

Product Name: 7824 BLACK INK  
Product Number: 201-1511  
Manufacturer: Xandex, Inc.  
1125 N. McDowell Blvd.  
Petaluma, CA 94954  
USA  
Web Site: www.xandex.com  
Emergency Telephone: (800) 767-9543, or (707) 763-7799

### SECTION II – Composition/Information on Ingredients

<u>COMPONENTS</u>	<u>%</u>	<u>CAS#</u>	<u>RISK STATEMENTS</u>	<u>HAZARD SYMBOLS</u>
Diacetone Alcohol	13	123-42-2	R11-36	Xi, F
2-Phenoxyethanol	46	122-99-6	R22-36	Xn
Nigrosine Dye	4	8005-02-5	R21/22, R40, R48/24/25	T

### SECTION III – Hazards Identification

NFPA Rating System:	HMIS II Rating System:*	HMIS III Rating System:
Health: 2	Health: 2	Health: 2
Flammability: 2	Flammability: 2	Flammability: 2
Instability: 0	Reactivity: 0	Physical Hazard: 0
	PPE (protection): B	PPE (protection): B

\* HMIS II has been replaced by HMIS III

Carcinogen: NTP - No IARC - No OSHA – No

#### Effects of Overexposure:

Eyes: Product can cause severe irritation to eyes on contact.  
Skin: Product can cause moderate irritation to skin on contact.  
Inhalation: Vapor or mist can cause irritation to the nose and throat.  
Ingestion: Harmful if swallowed.

#### Additional Health Hazard Information:

2-Phenoxyethanol: The manufacturer has established an internal industrial hygiene guide of 25 ppm (skin) (8 hour TWA) for exposure.

At doses that increased liver weight in treated F0 mice, 2-Phenoxyethanol produced significant reproductive and developmental toxicity. The substance caused significant toxicity in growing animals as evidenced by the decreased body weight in neonates and the large increase in post-natal lethality as the F1 animals grew to the age of mating.



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Reproductive Assessment by Continuous Breeding: Evolving Study Design and Summaries of Ninety Studies, Robert E. Chapin and Richard A. Sloane.  
Environmental Health Perspectives, 105 (Suppl1):199-395 (1997).

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### SECTION IV – First Aid Measures

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Eyes: Flush with water for 15 minutes. Call physician immediately.  
Skin: Wash with soap and water. Launder contaminated clothing before reuse.  
Inhalation: Remove to fresh air.  
Ingestion: If employee is conscious, give two glasses of water. Get medical attention immediately.

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### SECTION V – Fire Fighting Measures

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Extinguishing Media: Dry chemical, CO<sub>2</sub>, alcohol foam.  
Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.  
Special Fire fighting Methods: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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### SECTION VI – Accidental Release Measures

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Eliminate all sources of ignition. Wear protective clothing and gloves. Absorb spilled material with vermiculite or floor absorbent.

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### SECTION VII – Handling and Storage

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Storage Temperature: Maximum 25°C (77° F)  
Store away from excessive heat (e.g., steampipes, radiators), from sources of ignition and from reactive materials. Avoid contact with skin, eyes, and clothing.

**PLEASE READ TECHNICAL DATA SHEET BEFORE HANDLING THIS PRODUCT.**

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### SECTION VIII – Exposure Controls/Personal Protection

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Eye Protection: Safety goggles  
Respiratory Protection: For continuous exposure to large quantities, wear respirator (MSHA/NIOSH approved) as required for concentrations of air contaminants encountered.  
Skin Protection: Chemical resistant gloves. Avoid repeated or prolonged exposure. Wash thoroughly after handling.  
Ventilation Requirements: Sufficient to prevent operator discomfort.

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### SECTION IX – Physical and Chemical Properties

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Flash Point: >69.5° C



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Vapor Pressure:	<1 @ 20 C (mm Hg)
Solubility in Water:	Non-Soluble
Evaporation Rate:	<1 (Butyl Acetate = 1)
Odor:	Alcoholic odor
Appearance:	Opaque black liquid
Vapor Density:	>4 (Air = 1)
Specific Gravity:	1.076 (Water = 1)
Volatile / Non-Volatile (Solids):	84.1% Volatile / 15.9% Non-Volatile

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### SECTION X – Stability and Reactivity

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Stability:	Stable under normal conditions
Conditions to Avoid:	Heat and flame
Hazardous Combustion Products:	CO, CO <sub>2</sub> , and oxides of nitrogen
Materials to Avoid:	Strong oxidizing agents

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### SECTION XI – Toxicological Information

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#### Acute Effects:

- Harmful if swallowed
- May be harmful if inhaled or absorbed through skin.
- May cause eye irritation.
- May cause skin irritation.
- Material may be irritating to mucous membranes and upper respiratory tract.

#### Toxicity Data, 2-Phenoxyethanol:

- LD50 dermal (rabbit): 5 ml/kg
- LD50 oral (rat): 1260 mg/kg

The chemical, physical, and toxicological properties of this material have not been thoroughly investigated.

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### SECTION XII – Ecological Information

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Data not yet available.

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### SECTION XIII – Disposal Considerations

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This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

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### SECTION XIV – Transport Information

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DOT & IATA : Not restricted.



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### SECTION XV – Regulatory Information

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**European Information:**

X<sub>n</sub>: R22

Harmful if swallowed.

X<sub>i</sub>: R36/37/38

Irritating to eyes, respiratory system, and skin.

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In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**RCRA Status:**

Not a hazardous waste under RCRA (40 CFR 261)

**CERCLA Status:**

Not listed

**TSCA Status:**

TSCA Listed

**SARA Title III:**

This product contains the following toxic chemicals subject to the routine annual "Toxic Chemical Release Notification" under Section 313 (40 CFR 372).

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% By Weight</u>
2-Phenoxyethanol	122-99-6	46%

**California Right to Know Act (Prop. 65):**

The following is a required statement:

**WARNING!!!**

This product may contain trace amounts of a chemical known to the state of California to cause cancer.

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% By Weight</u>
Aniline	62-53-3	< .1%

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### SECTION XVI – Other Information

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The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Date of last revision: 3/11.