

**MATERIAL SAFETY DATA SHEET**

October 4, 2005

**BIRD-X, INC**  
300 North Elizabeth Street  
Chicago, IL 60607  
312-226-2473

**IN EMERGENCY CONTACT:**  
**INFOTRAC: 800-535-5053**  
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**SECTION I PRODUCT IDENTIFICATION**

PRODUCT NAME: **B-X SAFETY SOLVENT CLEANER** NFPA: H=1 F=2 R=0

**SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<u>COMPONENTS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS RECOMMENDED</u> %
1. Aromatic Hydrocarbons	200 ppm	> 20%	CAS# 64742-96-6
2. Glycol Ether EB	50 ppm	1-4%	CAS# 111-76-2

P. Blended product. Also contains other ingredients, none of which has been identified as hazardous within OSHA's Hazard Communication Standard 29 CFR 1910.1200.  
Please note: Contains no benzene, chlorinated hydrocarbons or CFCs

**SECTION III PHYSICAL DATA**

BOILING POINT:	290degF	VAPOR PRESSURE (mm Hg): @ 25degC	0.078
VAPOR DENSITY: AIR=1	3.4	SOLUBILITY IN WATER: g/100g @ 68degF	Complete.
SPECIFIC GRAVITY: H <sub>2</sub> O=1	0.93	MELTING POINT:	NA
EVAPORATION RATE: Butyl Acetate=1	0.01	pH:	7.8

APPEARANCE AND ODOR: Colorless to amber liquid, solvent odor with odor mask.

**SECTION IV FIRE, EXPLOSION AND REACTIVITY INFORMATION**

FLASH POINT (AND TEST METHOD): PMCC. 130 deg F

FLAMMABLE LIMITS: Autoignition temperature 900 deg F LEL: 1.1% UEL: 8.6%

EXTINGUISHING MEDIA: Water, CO<sub>2</sub>, dry powder, foam

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus with full facepiece operated in the positive pressure demand mode. Normal combustion causes CO<sub>2</sub> and water vapor. Incomplete combustion can form CO.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not weld on or near drums even if empty. Vapors are heavier than air and may travel along the ground to a pilot light or other flame at a distant location.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents hypochlorites, chlorine.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Normal combustion, CO<sub>2</sub> and water vapor. Incomplete combustion, CO and toxic materials.

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

**SECTION V HEALTH HAZARD INFORMATION**

ROUTES OF ENTRY: Inhalation, Skin, Ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC):

PROLONGED INHALATION OF VAPORS: Nausea, drowsiness, lightheadedness (Narcosis)

SKIN: Local irritation, dryness, chapping or dermatitis

INGESTION: Diarrhea, nausea, cramps. Unconsciousness and death in extreme cases

EYES: Irritation

**CARCINOGENICITY**

NTP: None known

IARC MONOGRAPHS: None

OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Possibly pre-existing skin or respiratory disorders.

**EMERGENCY AND FIRST AID PROCEDURES**

INHALATION: Remove to fresh air

SKIN: Flush completely with water

INGESTION: Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration to lungs. Get medical help.

EYES: Flood with water for 15 minutes while holding eyelids open. Remove contact lenses if worn. Get medical help.

**SECTION VI ENVIRONMENTAL PROTECTION INFORMATION**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with sand, diatomaceous earth, rice hull ash, or other absorbent material. Or dilute with water to acceptable waste water ratio. Or contain with temporary dam and collect spill for reuse. Turns milky white when mixed with water.

**WASTE DISPOSAL METHOD:**

Small spill: Absorb as above or rinse with water.

Large spill: Observe waste water standards, dispose of waste properly.

**SECTION VII CONTROL MEASURES**

RESPIRATORY PROTECTION: If concentration of vapors exceeds TLV limits, increase ventilation or use respirator.

VENTILATION: Use local exhaust if needed. Adequate ventilation required.

PROTECTIVE GLOVES: Nitrile recommended. Neoprene OK.

EYE PROTECTION: Chemical-safe goggles if eyes exposed to splashing.

OTHER PROTECTIVE EQUIPMENT: Impervious clothing or boots.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling: under rings and watchbands also.

**SECTION VIII SPECIAL PRECAUTIONS**

HANDLING AND STORAGE PRECAUTIONS: Store in a cool place. May turn cloudy if stored above 100F. Combustible product. Avoid sparks and open flame.

OTHER PRECAUTIONS: Keep containers closed when not in use. Keep product away from vegetation unless well diluted. Do not transfer into unmarked containers.