



Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List):

Benchmark Bio-444

SECTION I

Manufacturer's Name: Bird Dog Industries, Inc.
Address: 4515 North 2nd Street
St. Louis, Missouri 63147

Emergency Telephone Number: (314) 614-1449
Telephone Number for Information: (314) 601-3670
Date Prepared: 4-14-2010

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(opt'l)
Hexahydro-1,3,5-tris (2-hydroxyethyl)-s-triazine	N/E	N/E	N/E	16

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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HMIS SYMBOL

SARA Considered— hazardous ingredients void.

HEALTH	2	HMIS
FLAMABILITY	0	Severe 4
REACTIVITY	1	Serious 3
PERSONAL PROTECTION	C	Moderate 2
		Slight 1
		Minimal 0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	212° F	Specific Gravity (H ₂ O = 1)	1.075
Vapor Pressure (mm Hg.)	N / E	Melting Point	N / A
Vapor Density (AIR = 1)	N / E	Evaporation Rate (Butyl Acetate = 1)	N / A
Solubility in Water:	complete	pH	(approx.) 10.5
Appearance and Odor:	Clear Amber -Characteristic Odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N / A **Flammable Limits** LEL N/E UEL N/E
Extinguishing Media: CO₂, Dry Chemical, Foam
Special Fire Fighting Procedures: Do not use water, use self-contained breathing apparatus with a full face piece, in pressure demand.

Unusual Fire and Explosion Hazards: Although not for this product, do not use welding or cutting torch on or near drum even when empty. If improperly reused for other product, it could ignite.



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SECTION V - REACTIVITY DATA

STABILITY Unstable Conditions to Avoid:
Stable X

Incompatibility (Materials to Avoid): Strong acids and oxidants

Hazardous Decomposition or By-products: CO, CO2

HAZARDOUS May Occur Conditions to Avoid:
POLYMERIZATION Will Not Occur X

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? N/A Skin? Yes Ingestion? Yes Eyes? Yes

Health Hazards (Acute and Chronic): EYES: Irritant SKIN: Not primary irritant-sensitive individuals see following note*
INGESTION: Unknown but may be harmful, do not ingest. INHALATION: N/A

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure:

Medical Conditions, Generally Aggravated by Exposure:

Emergency and First Aid Procedures: EYES: Flush immediately with water for 15 minutes. If discomfort persists, see
physician. SKIN: Wash thoroughly with soap & water. Sensitive individuals may require protective gloves. INGESTION: Do
not induce vomiting, consult physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:

Wipe up or mop; absorb with oil-dri; dispose according to all federal, state, and local regulations; Avoid high heat, flames or
ignition sources.

Waste Disposal Method:

Dispose subject to federal, state, and local regulations for hydrocarbons. Empty container should be disposed of
according to all applicable federal, state, and local regulations, or sent to a qualified reconditioner. Contact Bird Dog
Industries, Inc. referencing complete waste disposal services (314) 601-6370.

Precautions to Be Taken in Handling and Storing: Avoid high heat, flames or ignition sources, factory oil room storage.

Other Precautions: Do not weld, cut or braize on or near drum even when empty as product or residue could ignite explosively.
Buyer assumes all risk and liability. They accept and use this material on these conditions. Legal responsibility is assumed
only for the fact that above opinions are those of qualified experts.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type):

VENTILATION Local Exhaust: Adequate Special: N/A

Mechanical (General): Not Required Other: N/A

Protective Gloves: * For sensitive individuals Eye Protection: Safety glasses adequate

Other Protective Clothing or Equipment: *Sensitive individuals may use protective skin creams.

Work / Hygienic Practices: N / E