

**Analab Inc.**  
**59 Davis Avenue**  
**Norwood MA 02062**  
**781-769-8830**

**MATERIAL SAFETY DATA SHEET**  
 (Complies with 29 CFR 1910:1200)

Hazard Rating			Health	1
Minimal 0		Slight 1	Fire	0
Moderate 2	Serious 3	Severe 4		
			Reactivity	0

### SECTION 1: PRODUCT IDENTIFICATION

**Chemical Name:**  
**Trade Name:** Heftee Blue

**Chemical Family:** Liquid Alkaline Detergent  
**Date Issued:** 09/26/02

### SECTION 2: HAZARDOUS INGREDIENTS

As listed in EPA 40 CFR Parts 261 & 116 and/or Mass DEQE 105 CMR 670.00

Chemical Name	CAS #	% by Weight	Hazard Data
* Ethylene Glycol Monobutyl Ether	111-76-2	4.0	TLV – 50 ppm
* Sodium Metasilicate Penta	6834-92-0	2.1	TWA – 5 mg/m <sup>3</sup>

\*This substance is a chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TLV = Threshold Limit Value (Allowable maximum airborne concentration)

TWA = The time weighted average concentration for a normal 8 hour workday and a 40 hour workweek, to which nearly all workers may be repeatedly exposed without adverse effect.

Contains no ingredient that is listed as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

### SECTION 3: PHYSICAL DATA

**Boiling Point/Range (°F):** Comp to Water

**% Volatile by volume:** 92

**Evaporation Rate (BuAc=1):** Comp to Water

Slower

☒

Faster

☐

**Solubility in Water:** Complete

**Physical State:** Clear, thin, blue liquid

**Odor:** Mild solvent

**Other:**

**Specific Gravity:** 1.04

Water = 1

**Weight/Gallon:** 8.66#

Water = 8.33#

**Vapor Pressure:** Comp to Water  
(mm/Hg)

**Vapor Density:** Comp to Water  
(air=1)

Heavier

☒

Lighter

☐

### SECTION 4: FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** None

**Flammable Limits:** LeI Uel  
 Not Applicable

**Fire Extinguishing Media:**

Water

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Fog

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Foam

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Gas (CO<sub>2</sub>/Halon)

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Dry Chemical

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Other

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**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

**SECTION 5: HEALTH HAZARD DATA****Threshold Limit Value:** Not Established**Primary Routes of Entry:** Skin Absorption**Effects of Overexposure:****Acute:** May cause skin and eye irritation. Harmful if swallowed.**Chronic:** Prolonged skin and eye contact may cause dermatitis and conjunctivitis.**Emergency and First Aid Procedures:****Inhalation:** No Hazard**Eyes:** Flush thoroughly with plenty of water for at least 15 minutes keeping eyelids apart. If irritation persists, get medical attention.**Skin:** Flush thoroughly with plenty of water. Remove contaminated clothing. If irritation persists, get medical attention.**Ingestion:** Drink large quantities of water and induce vomiting if person is conscious. Get medical attention.**SECTION 6: REACTIVITY DATA****Stability:** Unstable    Stable☐☒**Hazardous Polymerization:** May Occur    Will Not Occur☐☒**Conditions to Avoid:** Extreme heat**Materials to Avoid:** Do not mix with other chemicals**Hazardous Decomposition Products:** May produce carbon monoxide upon combustion**SECTION 7: SPILL OR LEAK PROCEDURES****Steps to be Taken in Case Material is Released or Spilled:** Neutralize with dilute acid, if available – preferably acetic (vinegar) or rinse up with a large quantity of water which will lower pH below 12.5. Can also absorb with floor absorbent, sawdust, rags, etc. and place in sealed container. Avoid contact with skin, eyes or clothing.**Waste Disposal Method:** Flush down sanitary sewer system or dispose of sealed container and dispose of according to local regulations for hazardous wastes.**SECTION 8: SPECIAL PROTECTION INFORMATION****Respiratory Protection:** None Required**Ventilation Type:** Local Exhaust Adequate**Protective Gloves:** Recommended**Eye Protection:** Recommended**Other Protective Equipment:** Solvent resistant apron and chemical resistant shoes**SECTION 9: SPECIAL PRECAUTIONS****Handling and Storage Precautions:** Do not store at temperature extremes. Keep from freezing. Avoid contact with skin and eyes. Wash hands thoroughly after use. Do not take internally.**Other Precautions:** Keep out of the reach of children.