

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

## SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Identity (As Used on Label and List):** Magma Clean (EXT722)  
**Emergency Telephone Number:** 800-535-5053 (INFOTRAC)  
**Telephone Number for Information:** 763-509-7937  
**Manufacturer's Name and Address:**  
Ver-tech Labs  
6801 Bleck Drive  
Rockford, MN 55373

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)
A	Monoethanolamine CAS #141-43-5
B	2-butoxy ethanol CAS #111-76-2

## SECTION III - HAZARDS IDENTIFICATION

**Emergency Overview**  
**Appearance and Odor:** Yellow liquid, tropical odor.  
**Primary Hazards:** Irritant

**Potential Health Hazards**  
**Route(s) of Entry:** Skin Absorption: X Ingestion: X Inhalation: X  
**Eye:** May cause Irritation  
**Skin:** May cause Irritation  
**Ingestion:** May be harmful if swallowed.  
**Inhalation:** Overexposure to 2-Butoxy ethanol (butyl) vapors may cause central nervous system effects including drowsiness, headaches, nausea and dizziness.  
**Signs and Symptoms of Exposure:** Irritation on direct contact.  
**Carcinogenicity:** NTP? No IARC Monographs? No  
**OSHA Regulated?** No  
**Target Organ (s):** Liver, kidneys, lymphoid system, skin, blood, eyes and respiratory system.  
**Medical Conditions Generally Aggravated by Exposure:** N. Av.  
**Health Hazards, Chronic:** Overexposure to 2-Butoxy ethanol (butyl) may cause damage to one or more of the target organs listed above.

## SECTION IV - FIRST AID MEASURES

**Emergency and First Aid Procedures:**  
**If Swallowed:** Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person. **Eye Contact:** Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. **Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.  
**Sources Used:** Raw material data, general toxicology from the trade for similar products.

## SECTION V - FIRE FIGHTING MEASURES

**Flammability:** N. Av. **Autoignition Temperature:** N. Av.  
**Flash Point (method used):** None  
**Flammable Limits:** N. Av. LEL UEL  
**Extinguishing Media:** N. Av.  
**Water?** **Foam?** **Water Fog?**  
**Alcohol Foam?** **CO<sub>2</sub>?** **Dry Chemical?**  
**Vaporizing Liquid?** **Other?**  
**Special Fire Fighting Procedures:** N. Av.  
**Unusual Fire and Explosion Hazards:** N. Av.  
**TDG Flammability Classification:** Non-flammable  
**Sensitivity to Mechanical Impact:** None  
**Sensitivity to Static Discharge:** None

## SECTION VI - ACCIDENTAL RELEASE MEASURES

**Steps to be taken in Case Material is Released or Spilled:**  
Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.

## SECTION VII - HANDLING AND STORAGE

**Precautions to be taken in Handling and Storing:**  
Normal care in handling and storage.  
**Other Precautions:** Keep out of reach of children. Keep from freezing.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection (Specify Types):** Not required  
**Ventilation:** Local Exhaust: Not required **Special:** Not required  
**Mechanical (General):** Ventilate to keep vapor levels below PEL and TLV, listed in Section XI. **Other:** Not required  
**Protective Gloves:** Natural rubber or synthetic.  
**Eye Protection:** Approved safety goggles or glasses. **Footwear:** Chemical resistant  
**Other Protective Clothing or Equipment:** Not required

**Work/Hygienic Practices:** Do not contaminate food or beverages with cleaning chemicals.

## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** Approximately 212°F **pH:** 10.5-11.5  
**Specific Gravity (H<sub>2</sub>O) = 1:** 1.0 to 1.02  
**Vapor Density (Air = 1):** > N. Av. **Odor Threshold:** N. Av.  
**Evaporation Rate (Butyl Acetate = 1):** N. Av. **Oil/Water Distribution**  
**Solubility in Water:** Complete **Coefficient:** N. Av.  
**Vapor Pressure (MM HG):** N. Av.  
**Melting Point:** N. Ap.

## SECTION X - STABILITY AND REACTIVITY

**Stability:** Unstable: Stable: X  
**Conditions to Avoid:** N. Av.  
**Incompatibility (materials to avoid):** N. Av.  
**Hazardous Decomposition or By-products:** N. Av.  
**Hazardous Polymerization:** May occur: Will not occur: X  
**Conditions to Avoid:** N. Ap.

## SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	6 ppm	3 ppm	N.Av.	0.1-2 g/kg (rat, oral)	N.Av.
B	25 ppm (skin)	25 ppm (skin)	25 ppm	1.48 g/kg (rat, oral)	N. Av.

**Teratogen, Mutagen, Reproductive Toxin Status:** No known relevance to humans.  
**Toxicologically Synergistic Products:** N. Av.

## SECTION XII - ECOLOGICAL INFORMATION

**Ecotoxicological Information:** N. Av.  
**Chemical Fate Information:** N. Av.

## SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:**  
Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewerred, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.  
**RCRA Hazard Class:**

## SECTION XIV - TRANSPORT INFORMATION

**Shipping Classification:** Cleaning Compound Liquid, NOIBN  
**UN Number:** N. Ap.  
**Packing Group:** N. Ap.

## SECTION XV - PREPARATION DATA

**Prepared By:** Health and Safety Department  
**Telephone Number:** 763-509-7937  
**Date:** 11-27-2013

## SECTION XVI - REGULATORY INFORMATION

**US Federal Regulations**  
**TSCA Status:** All ingredients listed.  
**CERCLA Reportable Quality:** N. Av.  
**SARA Title III**  
**Section 302 Extremely Hazardous Chemicals:** None  
**Section 311/312 Hazard Category:** Immediate health, chronic health.  
**Section 313 Toxic Chemicals:** 2-butoxy ethanol (glycol ether),

## SECTION XVII - OTHER INFORMATION

None

N. Ap. - Not Applicable; N.Av. - Not Available

## NFPA SYSTEM

1 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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