



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

| | |
|--|---|
| Manufacturer: Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373 1-877-866-9742 | Product Name: Magma Clean - Yellow Product Code: EXT722Y Recommended Use: High pH detergent Revision Date: 5/19/2015 |
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Chemical Emergency: Infotrac: 1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION

GHS Hazard Classification

| | |
|--------------------|------------|
| Skin Corrosion | Category I |
| Serious Eye Damage | Category I |

Signal Word

DANGER!



Hazard Statements

Causes severe skin burns and eye damage
 Causes serious eye damage

Precautionary Statements - Prevention

Do not breathe vapors
 Wash thoroughly after handling
 Wear protective gloves and eye protection

Precautionary Statements - Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
 Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

Product is a mixture according to 29 CFR 1910.1200.

Hazardous Components

| Hazardous Ingredients | Cas # | Weight % |
|-----------------------|--------------|----------|
| 2-aminoethanol | 141-43-5 | 0 - 10% |
| 2-butoxyethanol | 111-76-2 | 0 - 10% |
| Proprietary Blend | Trade Secret | 5 - 15% |

Specific chemical identity and/or exact percentage of components has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR 1910.1200.

SECTION 4: FIRST-AID MEASURES

First Aid Measures

General Advice: Harmful if swallowed. Causes severe skins burns and eye damage.

Eye Contact: Immediately flush with cool running water for at least 15 minutes while holding eyelids apart. Do not rub affected area. Remove contact lenses if applicable.

Skin Contact: Wash off immediately with soap and water while removing all contaminated clothes and shoes.

Ingestion: If swallowed, may cause burning of the mouth, throat and stomach. Call immediately for medical assistance. DO NOT induce vomiting. Rinse mouth with water, then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air.

Most Important Symptoms and Effects

Symptoms: Severe burns to eyes and skin. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

Indication of any immediate medical attention and special treatment needed

Note to Physician: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties

Flammability: Not considered to be a fire hazard.

Explosive Prop: Not considered to be an explosive hazard.

Extinguishing Media

Suitable: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable: No information available.

Specific Hazards Arising from Chemical

Hazards: During fire, gases hazardous to health may be formed.

Protective equipment and precautions for fire-fighters

Fire-Fight Method: In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing.

Environ. Precautions: Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.

Clean-Up Method: Soak-up with inert absorbent material and place into appropriate container for disposal. Clean contaminated area thoroughly with water. Prevent product from entering drains.

SECTION 7: HANDLING AND STORAGE

Handling: Use personal protective equipment when needed. Avoid contact with skin, eyes, and clothing. Wash hands before eating, drinking, or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.

Storage: Store in closed containers in cool, dry, well-ventilated area. Avoid overheating or freezing. Keep in properly labeled containers and out of reach of children.

Incomp. Materials: Acids. Oxidizing agents.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

| Hazardous Chemical | OSHA PEL | ACGIH TLV |
|--------------------|--------------------------|--------------------------|
| 2-aminoethanol | No information available | No information available |
| 2-butoxyethanol | 50 ppm | 20 ppm |
| Proprietary Blend | No information available | No information available |

Appropriate Engineering Controls

Eng. Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protection Equipment (PPE)

Eyes: Recommend safety goggles or shield.

Respiratory: Not usually necessary where ventilation is sufficient to maintain vapors under the TLV limit.

Skin: Avoid skin contact. Recommend chemical resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State: Liquid

Freezing Point:

Not determined

| | | | |
|--------------------------|---------------------------|----------------------------|----------------|
| Appearance: | Dark orange/yellow liquid | Boiling Point: | Not determined |
| Color: | Dark orange/yellow | Evaporation Rate: | Not determined |
| Odor: | Orange vanilla | Vapor Pressure: | Not determined |
| Odor Threshold: | No information available | Vapor Density: | Not determined |
| pH: | 12 - 13 | Relative Density: | Not determined |
| Flash Point: | Not determined | Flammability: | Not determined |
| Water Solubility: | Soluble in water | Explosive Limits: | Not determined |
| Viscosity: | Not determined | Part. Coefficient: | Not determined |
| Specific Gravity: | 1.02 | Auto-ignition Temp: | Not determined |
| Melting Point: | Not determined | Decomp. Temp: | Not determined |

SECTION 10: STABILITY AND REACTIVITY

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|-----------------------------|---|
| Stability: | Stable under ordinary conditions of use and storage. |
| Haz. Decomposition: | Thermal decomposition can lead to release of irritating and toxic gases and vapors. |
| Haz. Polymerization: | No information available. |
| Incompatibilities: | Acids. Oxidizing agents. |
| Conditions to Avoid: | Heat, moisture and incompatibles. |

SECTION 11: TOXICOLOGY INFORMATION**Component Information**

| Hazardous Chemical | LD50 Oral | LD50 Dermal |
|--------------------|--------------------------|--------------------------|
| 2-aminoethanol | 1515 mg/kg (rat) | 2504 mg/kg (rabbit) |
| 2-butoxyethanol | 1,300 mg/kg (rat) | > 2,000 mg/kg (rat) |
| Proprietary Blend | No information available | No information available |

Potential Health Effects

| | |
|-------------------------|---|
| Exposure Routes: | Eye Contact, Dermal Contact, Ingestion, Inhalation |
| Acute Toxicity: | |
| Eyes: | Causes eye irritation with tearing, redness, and impaired vision. |
| Skin: | Causes skin irritation, redness, and itching. May cause chemical burns. |
| Ingestion: | Harmful if swallowed. Corrosive to mucous membranes, esophagus and stomach. |
| Inhalation: | Respiratory irritant. |
| Chronic Effects: | Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders. |
| Carcinogenicity: | Not classifiable as a human carcinogen by OSHA, NTP or IARC. |

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

| Hazardous Chemical | Toxicity to Fish | Toxicity to Invertebrates |
|--------------------|--|-------------------------------|
| 2-aminoethanol | 349 mg/l (96 h: Cyprinus carpio) | 65 mg/l (48 h: Daphnia magna) |
| 2-butoxyethanol | 1,474 mg/l (96 h: Oncorhynchus mykiss) | 1,550 mg/l (48 h: water flea) |
| Proprietary Blend | No information available | No information available |

Environmental Toxicity

| | |
|-------------------------|---------------------------|
| Biodegradation: | No information available. |
| Persistence: | No information available. |
| Bioaccumulation: | No information available. |
| Mobility: | No information available. |

SECTION 13: DISPOSAL CONSIDERATIONS

| | |
|------------------------|--|
| Waste Disposal: | Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage, and/or in drains. |
| Container: | Drain contaminated container thoroughly. Do not reuse container. |

SECTION 14: TRANSPORT INFORMATION

Transport in accordance with all federal, state, and local regulations.

DOT

Proper Name: NA
Hazard Class: NA
UN Number: NA
Packing Group: NA
Special Provisions: Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION**US Federal Regulations**

TSCA Status: All components of this product are listed or exempt from listing on TSCA inventory.
CERCLA Reportable Quantity: None

U.S. State Right-to-Know Regulations

| Hazardous Chemical | California Proposition 65 |
|--------------------|---------------------------|
| None | |

Section 311/312 Hazard Category

| | | | |
|------------------------------------|----------|-----------------|---------|
| Acute Health Hazard: | 111-76-2 | 2-butoxyethanol | 0 - 10% |
| Chronic Health Hazard: | No | | |
| Fire Hazard: | 111-76-2 | 2-butoxyethanol | 0 - 10% |
| Sudden Release of Pressure: | No | | |
| Reactive Hazard: | No | | |
| Section 313 Toxic Chemicals | 111-76-2 | 2-butoxyethanol | 0 - 10% |

SECTION 16: OTHER INFORMATION

Prepared by: Health and Safety Department
Contact Number: 1-877-866-9742
Issue Date: 5/19/2015
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Revision Note: MSDS converted to GHS SDS format
Version: 1

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End of Safety Data Sheet