SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)
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Section I - Product & Company Identification

Product identifier
Product name: GRIME BUSTER
Product form: Liquid
Other means of identification: 0206

Relevant identified uses of the substance or mixture: Acid degreaser, Cleaner

Details of the supplier of the safety data sheet
Manufacturer:
Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150
Phone: 816-472-5515

Emergency telephone number
Emergency number: CHEMTREC: 1-800-424-9300

Section II – Hazards Identification

Classification
Acute toxicity, Oral (Category 4)
Skin corrosion/irritation (Category 1A)
Serious eye damage/eye irritation (Category 1)
Corrosive to metals (Category 1)
Pictogram

Signal Word
Danger

Hazard Statements
May be corrosive to metals.
Harmful if swallowed.
Causes severe skin burns and eye damage.

Precautionary Statements – Prevention
Keep container tightly closed.
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water.

IF SWALLOWED: Rinse mouth, Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

**Precautionary Statements - Storage**

Store in a well ventilated place. Keep cool.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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### Section III – Composition/Information on ingredients

**Mixture**

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric Acid</td>
<td>7664-38-2</td>
<td>30-40</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>111-76-2</td>
<td>1-10</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to process variation.

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### Section IV – First Aid Measures

**First Aid Measures**

**Inhalation:** Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention. Continue rinsing during transport to hospital.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Immediately consult a physician.

**Skin Contact:** Remove contaminated clothing, wash with soap and plenty of water. Get medical attention.

**Most Important Symptoms and Effects, both Acute and Delayed**

**Symptoms**

May cause severe skin burns and serious eye damage.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians:** No data available. Treat symptomatically.

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### Section V – Fire Fighting Measures

**Suitable Extinguishing Media**

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Fire or excessive heat may produce hazardous decomposition products. Oxides of phosphorus.
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

Section VI – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment, municipal sewers.

Methods for Cleaning Up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>1 mg/m³ TWA</td>
<td>1 mg/m³ TWA</td>
<td>1 mg/m³ TWA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 mg/m³ STEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>111-76-2</td>
<td>20 ppm TWA</td>
<td>50 ppm TWA</td>
<td>5 ppm TWA</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation, eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles and face shield where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>pH</td>
<td>0.75-1.75</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>212 ° F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>None</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>n/a-liquid</td>
</tr>
<tr>
<td>Upper Flammable Limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower Flammable Limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.17</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Soluble in Water</td>
</tr>
<tr>
<td>Solubility in Other Solvents</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not an Explosive</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor</td>
<td>Acid</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Section X – Stability & Reactivity

Reactivity
No data available.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
No data available

Conditions to Avoid
No data available

Incompatible Materials
Strong bases, powdered metals.

Hazardous Decomposition Products
No data available
Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information

**Inhalation:** Avoid breathing vapors or mists.

**Eye Contact:** Causes serious eye irritation

**Skin Contact:** Avoid contact with skin.

**Ingestion:** May be harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>111-76-2</td>
<td>470 mg/kg (Rat)</td>
<td>220 mg/kg (Rabbit)</td>
<td>450 ppm 4 h (Rat)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th></th>
<th>Phosphoric acid</th>
<th>Ethylene glycol monobutyl ether</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td></td>
<td>Severe skin burns</td>
<td>Skin irritation</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td></td>
<td>Serious eye damage</td>
<td>Moderate irritation</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td></td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td></td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
<td>No evidence by IARC, ACGIH, NTP or OSHA</td>
<td>Group 3 Not classifiable as to humans. IARC</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td></td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific target organ toxicity-Single exposure</td>
<td></td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific target organ toxicity-repeated exposure</td>
<td></td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td></td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical Measures of Toxicity:** Not determined

Section XII - Ecological information

**Ecotoxicity**

There is no data available for this product as a whole.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>111-76-2</td>
<td>No data available</td>
<td>LC50 –Other fish 220 mg/l, 96 h</td>
<td>EC50 Daphnia magna (Water flea) 1815 mg/l, 24 h</td>
</tr>
</tbody>
</table>
Persistence and Degradability
No data available

Bioaccumulation
No data available

Mobility
No data available

Section XIII - Disposal considerations

Waste Disposal Method
Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

Section XIV - Transport information

DOT Proper Shipping Description:
Bulk or Non-Bulk: NA1760, Compounds, cleaning liquid, (Phosphoric acid), 8, PG III

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): Acute and chronic health hazard
SARA Title III Section 313 (40CFR372): 2-Butoxyethanol
RCRA Status (40CFR261.33): No reportable components.
TSCA Inventory Status: Reported/included
OSHA/NTP/IARC Carcinogen Status: Not listed
Canadian DSL Status: Reported/included
Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:
This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
Section XVI - Other information

HMIS ratings:                  Health: 3
                                 Flammability: 0
                                 Reactivity: 1

Indication of changes: Revision – 1
Date Sheet Prepared: 12/09/2015 Other information: Author – EHS Administrator

********************************************************************************
The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty’s, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

END OF SDS