NEW GROUT

FLOOR GROUT CLEANER

NEW GROUT is a rapidly effective, low odor, non-fuming, high sudsing, acid base detergent for a variety of cleaning and descaling operations, especially designed to make old grout like new again. NEW GROUT is a concentrated product that may be used undiluted for severe encrustation of scale, deposits, alkaline matter, or diluted with water for economical removal of hard water formation of soap scum, corrosion, lime build-up or mortar spatters. This unique formulation combines the chemicals strength of blended acids with the emulsification properties of high sudsing synthetic detergents. Cleans debris from brick and masonry surfaces, ceramic tile, mortar stone, and metallic surfaces other than aluminum or magnesium. NEW GROUT is ideal for cleaning degreasing, and providing a light etch to concrete floors.

FOR USE BY:
- Airports
- Apartment Buildings
- Buildings Maint.
- Grounds Maint.
- Bus Lines
- Corrections
- Daycares
- Hospitals
- Hotels/Motels
- Medical Buildings
- Military
- Nursing Homes
- Packaging Plants
- Processing Plants
- Restaurant
- Schools
- WWTP

FOR USE ON:
- Concrete
- Grout
- Bricks
- Masonry Surfaces

FEATURE-BENEFIT:
- One Step Cleaning
- Fast Acting
- Low Odor
- Removes Lime, Soap Scum, Alkaline Matter.

DIRECTIONS:

FOR USE ON FLOORS ONLY. Not for use on vertical surfaces or counter tops where runoff may cause damage. Not for use on marble, terrazzo, travertine or any natural stone, chrome, stainless steel, brass or Corian.

TECHNICAL DATA:

- Appearance: Clear
- Color: Clear
- Odor: None
- Shelf Life: 1 yr. sealed container
- Flash Point: None
- pH: 1

SEE REVERSE SIDE FOR MSDS
# Material Safety Data Sheet

**Section 1 - Product Company Identification**

**Chemical Product Identification**: Grout Cleaner  
**Trade Name**: NEW GROUT  
**Product Use**: CLEAN TILE GROUTING  
**Distributor's Name**: Purity Chemicals, Inc.  
**Address**: 114 Southfield Pkwy., Suite 120 - Forest Park, GA 30297  
**Date Prepared**: 03/26/09  
**Prepared By**: GENE SCHAFFSTALL  
**DOT Hazard Classification**: NON HAZARDOUS  
**Identity (trade name assumed on label)**: NEW GROUT  
**Emergency Telephone Number**: CHEMTEL - 1-800-235-3924

---

**Section 2 - Hazards Ingredients**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>SARA?</th>
<th>PEL</th>
<th>TLV/TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>1647-01-0</td>
<td>Yes</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Glycol Ether DE</td>
<td>111-85-9</td>
<td>Yes</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**HMS**  
- EPH  
- HEALTH 2  
- FLAMMABILITY 0  
- REACTIVITY 0  
- SPECIAL  

**Section 3 - Hazard Identification**

- **Skin**: Flush with water, wash with soap and water  
- **Eyes**: Flush with water for 15 minutes. Get medical attention  
- **Ingestion**: Do not induce vomiting. Give several large glasses of water, followed by crushed chalk in water or milk  
- **Inhalation**: No effects

**Section 4 - First Aid**

- **Flash Point**: Non to boiling  
- **UEL**: N.A.  
- **LEL**: N.A.

**Section 5 - Fire Fighting Measures**

- **Auto Ignition Temperature**: Unknown  
- **Combustion Products**: Carbon Monoxide, Carbon Dioxide, Chlorine and Hydrochloric Acid Fumes  
- **Extinguishing Media**: That comp. to be with the environment  
- **Unusual Fire and Explosive Hazards**: Solutions react with metals to form hydrogen

**Section 6 - Accidental Release Measures**

**Section 7 - Handling and Storage**

**Section 8 - Exposure Controls/Personal Protection**

**Section 9 - Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Thin colorless solution</td>
</tr>
<tr>
<td>Odor</td>
<td>Very slightly acidic</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>pH</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>28 N/m²</td>
</tr>
</tbody>
</table>

**Section 10 - Stability & Reactivity**

**Section 11 - Toxicological Information**

**Section 12 - Ecological Information**

**Section 13 - Disposal Information**

**Section 14 - Transportation Information**

**Section 15 - Regulatory Information**

**Section 16 - Other Information**

Purity Chemicals, Inc.  
114 Southfield Pkwy., Suite 120 - Forest Park, GA 30297

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. **Chemical Listed as Carcinogen or Potential Carcinogen.**

[a] NTP  
[b] IARC  
[c] Monograph  
[d] OSHA  
[e] Not Listed  
[f] Animal Data Only