

# MATERIAL SAFETY DATA SHEET

(Prepared According To 29 CFR 1910.1200)

Effective Date 6/94

NA=Not Applicable

## SECTION 1 - PRODUCT IDENTIFICATION

Product Name:  
 Generic Name: **Deep Cleansing Hard Tile Cleaner**  
 Supplier's Name:  
 Supplier's Address:

Chemical Family: **N/A**  
 Formula: **N/A**  
 Phone Number:

### NPCA Hazardous Materials Identification System

|                             |   |
|-----------------------------|---|
| Health                      | 2 |
| Flammability                | 0 |
| Reactivity                  | 0 |
| Maximum Personal Protection | 0 |

## SECTION 2 - INGREDIENTS

| CHEMICAL NAME         | CAS NO.     | WT. %   | PEL                | TWA-TLV            | STEL-TLV           | CARCINOGEN |
|-----------------------|-------------|---------|--------------------|--------------------|--------------------|------------|
| Water                 | 7732-18-5   | to 100  |                    |                    |                    | No         |
| Chloric Acid          | 77-92-9     | 5 to 10 |                    |                    |                    | No         |
| Phosphoric Acid       | 7664-38-2   | 0 to 5  | 1mg/M <sup>3</sup> | 1mg/M <sup>3</sup> | 3mg/M <sup>3</sup> | No         |
| Sulfonic Acid         | 27176-87-0  | 0 to 5  |                    |                    |                    | No         |
| Nonionic Surfactant   | 127087-87-0 | 0 to 5  |                    |                    |                    | No         |
| Amphoteric Surfactant | 68298-20-4  | 0 to 5  |                    |                    |                    | No         |
| Nonionic Surfactant   | 61788-90-7  | 0 to 5  |                    |                    |                    | No         |
| Nonionic Surfactant   | 9016-45-9   | 0 to 5  |                    |                    |                    | No         |
| Dye                   | N/A         | 0 to 5  |                    |                    |                    | No         |

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1996 and of 40 CFR 372:

| CAS#      | Chemical Name   | Percent by Weight |
|-----------|-----------------|-------------------|
| 7664-38-2 | Phosphoric Acid | 4.50              |

### SECTION 3 - PHYSICAL DATA

|   |               |                   |              |
|---|---------------|-------------------|--------------|
| Boiling Range (*F):   | 214°F Initial | Specific Gravity: | 1.07         |
| Vapor Pressure:   | 20mm Hg @68°F | Vapor Density:    | (Air=1):>1   |
| % Volatile:   | 75+           | pH:               | 1.5 - 2.0    |
| Solubility in Water:  | 100%          | Evaporation Rate: | (Water=1):<1 |
| Physical Description: Thin clear red liquid with characteristic odor. |               |                   |              |

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

|                                     |     |
|-------------------------------------|-----|
| Flash Point (Method Used):          | N/A |
| Upper Explosive Limit:              | N/A |
| Lower Explosive Limit:              | N/A |
| Extinguishing Media:                | N/A |
| Special Fire Fighting Procedures:   | N/A |
| Unusual Fire and Explosion Hazards: | N/A |

### SECTION 5 - REACTIVITY DATA

|                                       |   |                           |                 |
|---------------------------------------|---|---------------------------|-----------------|
| Stability:                            | Stable.                                 | Hazardous Polymerization: | Will not occur. |
| Incompatibility (Materials to Avoid): | Strong alkalis or oxidizers.            |                           |                 |
| Hazardous Decomposition Products:     | Phosphorous or sulfur oxides in a fire. |                           |                 |

### SECTION 6 - STORAGE AND HANDLING INFORMATION

|  |  |
|--|--|
| Precautions to be Taken in Handling and Storage: |  |
| Keep out of reach of children.                   | Keep container closed during storage. For industrial and institutional use only. |

## SECTION 7 - HEALTH HAZARDS AND FIRST AID

|   |  |
|---|--|
| <p><b>Effects of Overexposure:</b></p> <p><b>Primary Route of Entry:</b></p> <p><b>Skin:</b> Skin irritant. Prolonged or repeated contact may cause dermatitis.</p> <p><b>Eyes:</b> Severe eye irritant. Liquid and mists may injure the eyes.</p> <p><b>Inhalation:</b> May be irritating to mucous membranes of the nose, throat, and lungs.</p> <p><b>Ingestion:</b> May be irritating to the mouth and throat. Large doses can cause nausea and vomiting.</p> | <p><b>First Aid Procedures:</b></p> <p><b>Skin:</b> Remove contaminated clothing. Flush exposed area with large quantities of water. Seek medical attention if irritation persists.</p> <p><b>Eyes:</b> Flush eyes with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.</p> <p><b>Inhalation:</b> Get to fresh air. Seek medical attention if symptoms persist.</p> <p><b>Ingestion:</b> Do not induce vomiting. Give large quantities of water or milk. Seek medical attention immediately.</p> |
|---|--|

## SECTION 8 - SPECIAL PROTECTION INFORMATION

|  |   |
|--|---|
| Respiratory Protection: Use with adequate ventilation. | Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations. |
| Protective Gloves: Acid proof.                         | Eye Protection: Safety glasses.   |
| Other Protective Equipment: N/A                        |   |

## SECTION 9 - SPILL OR LEAK PROCEDURES

|  |  |
|--|--|
| Steps to be Taken in Case Material is Released or Spilled: | Waste Disposal Method:                         |
| Mop up or otherwise absorb and hold for disposal.          | Any method in accordance with applicable laws. |

Manufactured by:  
 Belco Corporation 1001 Brown Avenue Toledo, Ohio 43607 419-241-2156

Product Name: **Tile Clean**  
 Product Number: **#119**