

**SECTION 1 - PRODUCT AND COMPANY INFORMATION**

Product Name: TILE & GROUT

Manufacturer: PEERLESS QUALITY PRODUCTS, INC.  
12416 CLOVERDALE, DETROIT, MI 48204

Emergency Telephone: 313-933-7525

Preparer's Name: HENRY P. GREENE

Title: TECHNICAL DIRECTOR

Date Prepared: 1/16/04

Supersedes Date: 3/1/01

**SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS**

Chemical Name: Phosphoric acid

CAS #: 7664-38-2  
11.0% by wt

Dipropylene glycol methyl ether  
34590-94-8  
2.94% by wt

Exposure Limit:

Carcinogen:

**SECTION 3 - HAZARDS IDENTIFICATION**Emergency Overview

Physical

Appearance/odor: Opaque, green color, liquid-mild odor

Warning Statements: Causes eye irritation

Primary Routes of Entry: May cause skin irritation

Entry

Eyes: Causes irritation

Skin: May cause irritation

Inhalation: Mist of concentrate may cause irritation

Ingestion: May cause nausea, vomiting, diarrhea, irritation

Medical Conditions Aggravated: Not available

**SECTION 4 - FIRST AID MEASURES**

Eyes: Flush with water for 15 minutes and see physician immediately

Skin: Flush with water for 15 minutes, if irritation persists, see physician immediately

Inhalation: Remove to fresh air, see physician immediately  
DO NOT INDUCE VOMITING. Give large amounts of water or milk and see physician immediately

Ingestion: immediately

**SECTION 5 - FIRE-FIGHTING MEASURES**

Flash Point: 250° F

Method Used: PMC

Flammable Limits: None Determined LEL: UEL:

Fire Extinguishing Media: Water Fog, Alcohol Foam, Dry Chemical, CO<sub>2</sub>

Fire or Explosion Hazards: None

Special Fire Fighting Procedures: Use SCBA and protective clothing  
Use full bunker gear where warranted

NFPA

Health Hazard: 2

Flammability: 0

Reactivity: 1

Special Hazards:

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Steps to be taken if released or spilled: Dike and absorb with inert material

Environmental Impact: N/A

Secondary Hazards: A spill or leak may result in a slippery floor.

**SECTION 7 - HANDLING AND STORAGE**

Storage Precautions: Keep from freezing

Handling Precautions: Keep lids tightly closed

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT**

CONTROL MEASURES: Normal

Personal Protective

Equipment

Respiratory: None

Eyes: Safety glasses with side shields

Gloves: Latex/Neoprene

Special Clothing: Long sleeved, full clothing

Other: None

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Specific Gravity: (Water = 1) 1.06

Density: (Lbs/gal) 8.84

VOC(Lbs/Gal)

Theoretical: 0.26 lbs/gal

CAS #111-77-3

PH @ Concentrate: 0.26 pH @ use dilution: 2.0

Boiling Point: 212°F

Vapor Density (Air=1) >1

Vapor Pressure @ \_\_\_\_\_

F\_\_\_\_\_mm Hg psi: None Determined

% Solid By Weight: 0

Evaporation Rate (Water=1): >1

Solubility in water: 100%

Viscosity: <10 cps

Appearance and Odor: Green, opaque-mild odor

Material State: Liquid

**SECTION 10 - STABILITY AND REACTIVITY**

Stability: Stable

Hazardous Material Release/Normal Processes: None

Physical Stresses To Avoid: None

Incompatible Materials: Strong acids, oxidizing agents

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Health Effects - Hazardous Constituents:

**SECTION 12 - ECOLOGICAL INFORMATION**

Environmental Effects: Not Available

**SECTION 13 - DISPOSAL MEASURES**

Waste Disposal Method: See Local, State and Federal Regulations

**SECTION 14 - TRANSPORTATION INFORMATION**

DOT Proper Shipping Name: Compounds, cleaning liquid(contains phosphoric acid)

Hazard class: Corrosive

Identification No: 8

Packing group: III

Label/Placard: CORROSIVE

**SECTION 15 - REGULATORY INFORMATION**

EPCRA (SARA TITLE III) 302 EXTREMELY HAZARDOUS SUBSTANCE. CHEMICALS LISTED: NONE

EPCRA (SARA TITLE III) 311/312 CHEMICALS LISTED: NONE

EPCRA (SARA TITLE III) 313 CHEMICALS SUBJECT TO REPORTING ARE: NONE

CERCLA-requires notification to the National Response Center of release of quantities of Hazardous Substance equal to or greater than the reportable quantities in 40 CFR 302.4 CHEMICALS LISTED ARE: NONE

Components present in this product at a level which could require reporting under that statute are:

PHOSPHORIC ACID 5000 RQ lbs lbs of product to match or exceed RQ- 35,000

All ingredients of this product are listed on the TSCA Inventory

RCRA HAZARDOUS WASTE NO. (40 CFR 261.33): NONE

**SECTION 16 - OTHER INFORMATION**

References: EPA List of Lists

Recommended Uses: Bathroom tile and grout cleaner.