

Soap Free **PROCYON** **Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03

Issue date: June 2015

1 Identification

Product Identifier (Trade name): *Tile & Grout Cleaner*

Recommended Use of Product: Cleaning of hard surfaces such as Tile & Grout.

Product Description: this product is a solution comprised of inorganic chemicals and water, therefore does not qualify as a health or environmental hazard.

Application of the Product: Tile cleaner

Manufacturer/Supplier:

Plus Manufacturing Inc

2704 N. Madelia St

Spokane, WA 99207

1-800-PROCYON (776-2966)

Local: 509-484-5105

Fax: 509 484-0418

Emergency Telephone Number:

1-800-776-2966

2 Hazard (s) Identification

Classification of the Chemical Ingredients:

Category 0: Non-hazardous/Non-Toxic



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Hazard Statements:

May cause minor skin or eye irritation in extremely hypersensitive individuals.

Precautionary Statements:

Wear protective gloves and eye protection if appropriate. Rinse off exposed extremities after handling. If in eyes, rinse with water for several minutes. If skin or eye irritation persists (extremely rare), get medical attention.

Unknown Acute Toxicity:

No components of this product cause acute toxicity.

NFPA ratings (scale 0-4)

Health = 0, Fire = 0, Reactivity = 0

HMIS ratings (scale 0-4)

Health = 0, Flammability = 0, Physical Hazard = 0, Personal Protection = 0

Hazards not otherwise classified (HNOC): None known.

3 Composition/Information on Ingredients

Mixture of Chemical Ingredients:

Mixture of chemicals listed below with non-hazardous additions including water.

CAS /Component/% of Mixture:

7664-38-2	Phosphoric Acid	9-11%
7722-88-5	Sodium Salt	1-3%
1343-98-2	Silicic Acid	0.2-1.0%

4 First-aid Measures

Inhalation: Not relevant

Skin Exposure: Rinse with water.

Eye contact: Irrigate eye with running water for several minutes.

Ingestion: If nausea occurs consult doctor.

5 Fire-fighting Measures

Extinguishing Media: product not flammable.

Protective Equipment: product not flammable.

Precautions for firefighting: product not flammable.

6 Accidental Release Measures

Precautions: none required; product non-hazardous.

Protective Equipment: none required but may be preferred by user.

Spill Containment/Cleanup Measure: use liquid absorbing material for pickup of product; use squeegee to push spilled product into domestic floor drain if present.

7 Handling & Storage

Keep containers tightly sealed in dry environment at standard room temperatures.

8 Exposure Controls/Personal Protection

Components with occupational exposure limits:

7664-38-2	Phosphoric Acid
PEL	Long-term value: 1 mg/m ³
REL:	Short-term value: 3mg/m ³
	Long-term value: 1 mg/m ³
TLV	Short-term value:3 mg/m ³
	Long-term value: 1mg/m ³

Protective Measures:

Usual precautionary measures for handling of mild nontoxic chemicals should be followed. Avoid excessive contact with skin and eyes. Breathing equipment not required. Protective gloves and eyewear optional.

9 Physical & Chemical Properties

Appearance: clear liquid.

Odor: odorless. No fragrance added.

Odor Threshold: not relevant.

pH value: Concentrate 11.0 / RTU 10.7

Melting Point: undetermined.

Boiling Point: 100 degrees Centigrade.

Flash Point: none.

Evaporation Point: not determined.

Flammability: non-flammable.

Explosive Limits: not relevant.

Vapor Pressure/Density: VP is not relevant/Density = 1.12-1.13 g/cc

Relative Density: not determined.

Solubility: not determined.

Partition Coefficient: not determined.

Viscosity: not determined.

Solvent Content:

Organic solvents: 0.0%

Water: 85-89%

Chemical Ingredients: 11-15%

10 Stability & Reactivity

Chemical stability: stable under normal/standard conditions.

Reactivity: no relevant information.

Conditions to avoid: no relevant information.

Possibility of hazardous reactions: none.

Hazardous decomposition: no dangerous reactions known.

Incompatible materials: no relevant information.

11 Toxicological Information:

Likely Routes of Exposure: minor likelihood of exposure to skin, lungs, eyes

Acute Toxicity: none

Description of Symptoms of Exposure: mild irritant to skin of hypersensitive individuals; mild irritant to eyes and mucous membranes of hypersensitive individuals.

Carcinogenic Effects of Exposure:

IARC: none of the ingredients are listed.

NTP: none of the ingredients are listed.

OSHA: none of the ingredients are listed.

12 Ecological Information

Toxicity: no relevant information available.

Persistence and degradability: no relevant information available.

Bioaccumulative potential: no relevant information available.

Mobility in soil: no relevant information available.

Other adverse effects: no relevant information available.

Other information: no relevant information available.

13 Disposal Considerations

Waste treatment methods: no relevant treatment methods are applicable.

Regional legislation (waste): not applicable.

Waste disposal recommendations: recycle empty containers or dispose of with household trash; liquid product can be washed into domestic waste water and/or sewage systems.

14 Transport Information

UN number:

DOT, ADR, ADN, IMDG, IATA: product does not contain regulated materials.

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA: product does not contain regulated materials.

Environmental hazards: not applicable.

Special precautions: not applicable.

Air transport: not applicable.

UN "Model Regulation": product does not contain regulated materials.

15 Regulatory Information

Safety, health and environmental regulations/legislation specific to the substance or mixture:

SARA: Section 355 and/or Section 313: none of the ingredients are listed.

TSCA: all ingredients are listed.

California Proposition 65: not applicable.

Chemicals known to cause:

cancer: none of the ingredients are listed.

reproductive toxicity for females; none of the ingredients are listed.

developmental toxicity: none of the ingredients are listed.

EPA: none of the ingredients are listed.

TLV established by ACGIH: none of the ingredients are listed.

NIOSH: none of the ingredients are listed.

GHS label elements: product is classified and labeled according to the Globally Harmonized System. See Section 2 of this SDS.

Precautionary statements: See Section 2 of this SDS.

Chemical safety assessment: not been completed since none of the ingredients are considered a health hazard.

16 Other Information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not however be construed as guaranteeing any specific property of the product. It is the responsibility of the user to determine applicability of this information and the suitability of the product for any particular purpose.

Date of preparation: June 2015