



Tile, Grout & Floor Cleaner Formula 5105

SAFETY DATA SHEET

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 7-12-2023

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

Product Name: Tile, Grout & Floor Cleaner Formula 5105

Product Code: 2700-03

Other Means of Identification: Aqueous Detergent

Product Form: Liquid

Use of the Substance/Mixture: Cleaning (Liquids)

Sold By: Gabriel First Corp.

Address: 860 Linden Ave., Suite M

Rochester, NY 14625

Telephone: 585-381-7000

Emergency Telephone Number: 800-424-9300

Section 2 – Hazards Identification

Classification (GHS-US)

Acute toxicity, oral (Category 4)

Skin irritation Category 2)

Eye irritation Category 2A)

Signal Word (GHS-US):

WARNING

Target Organs:

None known.

Hazard Pictograms (GHS-07):



Hazard Statements (GHS-US):

H302 – Harmful if swallowed.

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

Precautionary Statements (GHS-US):

P264 - Wash hands and forearms thoroughly after handling.

P270 – Do not eat, drink, or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P317+P330 - **If swallowed:** Get medical help.

P330 – Rinse mouth.

P302+P352 – **If on skin:** Wash with plenty of water and soap.

P332+P317 – **If skin irritation occurs:** Get medical help.

P362+P364 – Take off contaminated clothing and wash it before reuse.

P305+P351+P338 - **If in eyes:** Rinse cautiously with water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P317 – **If eye irritation persists:** Get medical help.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) – None Known

Physical hazards not otherwise classified (PHNOC) – None Known.

Section 3 – Composition/Information on Ingredients

Chemical Name	CAS #	%	EINECS
Deionized Water	7732-18-5	80 - 95 %	231-791-2
Proprietary Ingredients	Mixture	4 - 7 %	None
Sodium Carbonate	497-19-8	0 - 5 %	207-838-8

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Section 4 – First Aid Measures

Eye Contact: **CAUSES SERIOUS EYE IRRITATION.** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

Inhalation: **MAY BE HARMFUL IF INHALED.** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin Absorption: **HARMFUL IN CONTACT WITH SKIN. CAUSES SKIN IRRITATION.** Remove contaminated clothing. Flushing thoroughly with mild soap and water. If irritation occurs, get medical attention.

Ingestion: **HARMFUL IF SWALLOWED.** Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.



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Section 5 – Firefighting Measures

Suitable Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Protective Actions for Fire-Fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: During a fire, irritating and highly toxic gasses may be generated by thermal decomposition or combustion. Dust dispersed in air can create a dust explosion when exposed to an ignition source. Avoid dispersion of dust in air.

Section 6 – Accidental Release Measures

Personal Precautions:

Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup:

Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 – Handling and Storage

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin, and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage, Including: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from ignition sources.

Section 8 - Exposure Controls/Personal Protection

	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Exposure Limits:	Sodium Carbonate	None Established	None Established	None Established

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or face shield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory Controls: None should be needed in normal laboratory handling at room temperature. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA approved respirator.

Section 9 – Physical and Chemical Properties

Appearance: Liquid, very pale-yellow

Odor: Citrus Odor

Odor Threshold: Not available

pH: ~10.7

Melting/Freezing Point: ~0°C (32°F)

Boiling Point/Range: ~100°C (212°F)

Flash Point: >93.3°C (>200°F)

Evaporation Rate: Not available

Flammability (Solid / Gas): Not available

Vapor Pressure (mm Hg): Not available

Viscosity: Not available

Explosion limits: Lower / Upper: Not available

Vapor Density (Air = 1): Not available

Relative Density (Specific gravity): Not available

Solubility(ies): Soluble in Water

Partition Coefficient: Not available

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Molecular formula: Mixture

Molecular weight: Mixture

Section 10 – Stability and Reactivity

Chemical Stability: Stable.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Excessive temperatures which cause evaporation.

Incompatible Materials: Contact with hypochlorites will liberate toxic gases. Alkalies, acids and metals.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides, phosphorous oxides.

Section 11 – Toxicological Information

Acute Toxicity: Data not available.

Skin Irritation/Corrosion: Data not available.

Serious eye damage/irritation: Data not available.

Respiratory or Skin Sensitization: Data not available.

Germ cell mutagenicity: Data not available.

Carcinogenicity: Data not available.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC: classified: Group 3: Not classifiable as its carcinogenicity to humans.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CA Prop 65: WARNING! This product can expose you to Methanol and Formaldehyde, which is known to the state of California to cause cancer, birth defects or other reproductive harm.



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Section 11 – Toxicological Information (Con't)

Reproductive toxicity: Data not available.

STOT-single exposure: Data not available.

STOT-repeated exposure: Data not available.

Aspiration hazard: Data not available.

Potential health effects: Data not available.

Inhalation: Harmful if inhaled

Ingestion: Ingestion causes nausea, burning and general stomach distress.

Skin: May cause burning with prolonged contact.

Eyes: Contact with eyes may cause irritation, burning and redness.

Signs and symptoms of exposure: To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.

Additional information: RTECS #: Data not available.

Section 12 – Ecological Information

Toxicity to fish: No data available

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Persistence and Degradability: No data available

Mobility in Soil: No data available

Other Adverse Effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Bioaccumulative Potential: No data available

PBT and vPvB Assessment: No data available

Section 13 – Disposal Considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty containers. State and/or local regulations may be different. Dispose of in accordance with all local, state, and federal regulations or contract with a licensed chemical disposal agency.

Section 14 – Transport Information

UN/NA Number: Not applicable

Hazard class: Not applicable

Exceptions: Not applicable

Shipping Name: Not applicable

Packing Group: Not applicable

2020 ERG Guide #: Not applicable

Reportable Quantity: No

Marine Pollutant: No

Section 15 – Regulatory Information

A chemical is considered to be listed if the CAS number for the anhydrous form is on the inventory list.

**Component
Cleaner**

**TSCA
Listed**

**CERLCA (RQ)
Not Listed**

**RCRA code
Not Listed**

**DSL
Listed**

**NDSL
Not Listed**

**CA Prop 65
WARNING – Cancer and
Reproductive Harm –
www.P65Warnings.ca.gov**

SECTION 16: Other information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.