



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: 09/19/2019

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

1.1 – Product Identifier

Product Name: Tile & Grout Floor Cleaner Formula 5105
Product Code: 2700-03
Other Means of Identification: Aqueous Detergent
Product Form: Liquid

1.2 – Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use of the Substance/Mixture: Cleaning (Liquids)

1.3 – Details of the Supplier of the Safety Data Sheet

Sold By: Gabriel First Corp.
Address: 233 W. Commercial Street
East Rochester, NY 14445
Telephone: 585-381-7000

1.4 – Emergency Telephone Number

Emergency Number: 800-424-9300

Section 2 – Hazards Identification

2.1 – Classification of the Substance or Mixture

OSHA/HCS Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 191 0.1200).

Classification of the Substance or Mixture: Not classified.

2.2 – Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US): Not applicable
Signal Word: Not applicable
Hazard Statements: Not applicable

2.3 – Precautionary Statements

Prevention: Not applicable
Response: Not applicable
Storage: Not applicable
Disposal: Not applicable

2.4 – Hazards Not Otherwise Classified

None known

Section 3 – Composition/Information on Ingredients

3.1 – Substance/Mixture

Mixture

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

4.1 – Description of Necessary First Aid Measures

First-Aid Measures After Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs or persists.

First-Aid Measures After Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.



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First-Aid Measures After Skin Contact:	Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
First-Aid Measures After Ingestion:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

4.2 – Most Important Symptoms and Effects, Both Acute and Delayed

Potential Acute Health Effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

4.3 – Over Exposure Signs/Symptoms

Eye Contact:	Adverse symptoms may include the following: Pain or irritation Watering Redness
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

4.4 – Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Notes to Physician:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific Treatments:	No specific treatment.
Protections of First Aiders:	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Section 5 – Firefighting Measures

5.1 – Extinguishing Media

Suitable Extinguishing Media:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extinguishing Media:	None known.

5.2 – Special Hazards Arising From the Chemical

No specific fire or explosion hazard.

Hazardous Thermal: Decomposition Products	Decomposition products may include the following materials: Carbon Dioxide Carbon Monoxide
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5.3 – Special Protective Actions for Fire-Fighters

Firefighting Instructions:	No special measures are required.
Special Protective Equipment for Fire-Fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 – Accidental Release Measures

6.1 – Personal Precautions, Protective Equipment and Emergency Procedures

6.1.1: For Non-Emergency Personnel:	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
6.1.2: For Emergency Responders:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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6.2 – Environmental Precautions

Precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 – Methods and Material for Containment and Cleaning Up

Spill:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7 – Handling and Storage

7.1 – Precautions for Safe Handling

Protective Measures:

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on General Occupational Hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 – Exposure Controls/Personal Protection

8.1 – Control Parameters

Occupational Exposure Limits:

None.

Appropriate Engineering Controls:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental Exposure Controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

8.2 – Individual Protection Measures

Hygiene Measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/Face Protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

8.3 – Skin Protection

Hand Protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other Skin Protection:

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection:

Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.



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Section 9 – Physical and Chemical Properties

9.1 – Information on Basic Physical and Chemical Properties

Appearance

Physical State:	Liquid (Clear)
Color:	Colorless to amber
Odor:	Mild
Odor Threshold:	Not available
pH:	~10.6
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
Lower and Upper Explosive (flammable) Limits:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	Not available
Solubility:	Easily soluble in the following materials: Water
Partition Coefficient: n-octanol/water	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available

Section 10 – Stability and Reactivity

10.1 – Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 – Chemical Stability

The product is stable.

10.3 – Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 – Conditions to Avoid

No specific data.

10.5 – Incompatible Materials

Reactive or incompatible with the following materials: strong oxidizers or reducing materials.

10.6 – Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 – Toxicological Information

11.1 – Information on Toxicological Effects

Acute Toxicity:	There is no data available.
Irritation/Corrosion:	There is no data available.
Sensitization:	There is no data available.
Carcinogenicity:	No components are listed as carcinogens by IARC, ACGIH, OSHA or NTP above the threshold of 0.1%.
Specific Target Organ Toxicity (Single Exposure):	There is no data available.
Specific Target Organ Toxicity (Repeated Exposure):	There is no data available.



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Aspiration Hazard:	There is no data available.
Information on the Likely Routes of Exposure:	Dermal contact. Eye contact. Inhalation. Ingestion.
Potential Acute Health Effects	
Eye Contact:	No known significant effects or critical hazards.
Inhalation:	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.
Symptoms Related to the Physical, Chemical and Toxicological Characteristics	
Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.
Delayed and Immediate Effects and also Chronic Effects From Short and Long Term Exposure	
Short Term Exposure	
Potential Immediate Effects:	No known significant effects or critical hazards.
Potential Delayed Effects:	No known significant effects or critical hazards.
Long Term Exposure	
Potential Immediate Effects:	No known significant effects or critical hazards.
Potential Delayed Effects:	No known significant effects or critical hazards.
Potential Chronic Health Effects	
General:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Developmental Effects:	No known significant effects or critical hazards.
Fertility Effects:	No known significant effects or critical hazards.
Numerical Measures of Toxicity	
Acute Toxicity Estimates:	There is no data available.

Section 12 – Ecological Information

12.1 – Toxicity

There is no data available.

12.2 – Persistence and Degradability

There is no data available.

12.3 – Bioaccumulative Potential

There is no data available.

12.4 – Mobility in Soil

Soil/water Partition Coefficient: (K_{OC}) Not available.

12.5 – Other Adverse Effects

No known significant effects or critical hazards.

Section 13 – Disposal Considerations

13.1 – Waste Treatment Methods

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



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Section 14 – Transport Information

Department of Transportation (DOT)

	TDG/DOT Classification	IMDG	IATA
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	-	-	-
Transport Hazard Class(es)	-	-	-
Packing Group	-	-	-
Environmental Hazards	No	No	No
Additional Information	-	-	-

Transport in bulk according: Not available
To Annex II of MARPOL
73/78 and the IBC Code

Special Precautions for User:

Transport within user's premises: always transport in closed containers that are upright and secure.
Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15 – Regulatory Information

15.1 – US Federal Regulations

U.S. Federal Regulations:

Clean Air Act Section 112:
(b) Hazardous Air Pollutants (HAPS)

Clean Air Act Section 602:
Class I Substances

Clean Air Act Section 602:
Class II Substances

DEA List I Chemicals:
(Precursor Chemicals)

DEA List II Chemicals:
(Essential Chemicals)

SARA 302/304

Composition/Information on Ingredients:

SARA 311/312

Classification:

International Lists

National Inventory

Australia (AICS):

Canada (DSL):

China (IECSC):

Europe (EINECS):

Japan (ENCS):

New Zealand (NZIoC):

Philippines (PICCS):

Republic of Korea (KECL):

Taiwan (NECI):

United States Inventory (TSCA): All components are listed or exempted.

Not listed

Not listed

Not listed

Not listed

Not listed

Not listed

Not listed

Not available

All components are listed or exempted.

Not available

Not available

Not available

Not available

Not available

Not available

Not available

SECTION 16: Other information

History

Date of Issue mm/dd/yyyy: 09/19/2019

Date of Previous Issue: None

Version: 1

Revised Section(s): Not applicable

Prepared by: Gabriel First Corp

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 therefore be construed as guaranteeing any specific property of the product.