

Gil Green Clean

February 18, 2019

Section 1: IDENTIFICATIONProduct name **Gil Green Clean** Other names n/aRecommended use/restrictions **cleaning**
Use only as recommended on label or tech sheet.

Distributor/manufacturer

**Gilmer Industries, Inc.**560 Stone Spring Road PO Box 1247
Harrisonburg, VA 22801 Harrisonburg, VA 22803
540.434.0130 (info) 540.434.8877 (sales)
Open Monday-Friday, 8am–5pm Eastern time zoneEMERGENCY TELEPHONE NUMBER (24-hours daily) **CHEMTREC 1.800.424.9300****Section 2: HAZARDS IDENTIFICATION**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard classification **SKIN CORROSION/IRRITATION, Category 2**
EYE DAMAGE/IRRITATION, Category 2A

	EMERGENCY OVERVIEW
	Clear liquid with mild odor
	WARNING Causes skin and serious eye irritation This material is harmful to aquatic life.

PRECAUTIONARY STATEMENTS

Prevention	Wash hands thoroughly after handling. Wear rubber, nitrile, neoprene or other impervious gloves. Wear chemical splash goggles.
Response	<u>If on skin:</u> Wash skin with plenty water and soap. Take off contaminated clothing, and wash it before reuse. <u>If in eyes:</u> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. <u>If skin or eye irritation occurs or persists:</u> Get medical advice.
Storage	Store in a cool, dry, well-ventilated area.
Disposal	Dispose of in accordance with federal, state and local regulations.

Hazards not otherwise classified n/a Ingredient of unknown acute toxicity n/a

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient	% by wt.	CAS number	Synonyms
glycol ether PM	3-5	107-98-2	propylene glycol monomethyl ether
glycol ether DPM	2-4	34590-94-8	dipropylene glycol monomethyl ether
sodium orthosilicate	2-4	13272-30-5	silicic acid sodium salt
tetrasodium salt of EDTA acid	1-2	64-02-8	EDTA, ethylenediaminediacetate

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Section 4: FIRST AID MEASURES

Inhalation	Remove to fresh air. Apply artificial respiration if necessary. Contact a physician.
Eye contact	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
Skin contact	If on skin: Wash skin with plenty water and soap. Take off contaminated clothing, and wash it before reuse. If skin irritation occurs: Get medical advice.
Ingestion	Do not induce vomiting. Drink large amounts of water. Contact a physician.

SYMPTOMS/ EFFECTS

Inhalation	headache, slight dizziness
Eye contact	pain, watering, redness / Causes serious eye irritation
Skin contact	pain, redness / Causes skin irritation
Ingestion	irritation of mucous membrane, nausea, vomiting

Note to Physicians n/a

Section 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	no restrictions	Specific hazards arising from the chemical	n/a
Hazardous thermal decomposition products	carbon dioxide, carbon monoxide		
Special protective equipment for fire-fighters	n/a		

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:	Put on appropriate protective equipment (see Section 8).
Environmental precautions:	Avoid contact of spilled material and runoff with soil and surface waterways.
Methods for clean-up:	Contain spill. Absorb with absorbent material, put into appropriate labeled and sealed container, and deposit in an approved landfill; or flush with large quantities of water to drain if allowed by all appropriate regulations.

Section 7: HANDLING AND STORAGE

Handling	Wear protective equipment. Wash thoroughly after handling. Keep container tightly closed when not in use.
Storage	Store in a cool, dry, well-ventilated area.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

glycol ether PM	ACGIH TWA, STEL: 50ppm, 100ppm [eye, URT irr] OSHA PEL TWA: not established NIOSH REL TWA, ST: 100ppm (360mg/m³), 150ppm (540mg/m³)
glycol ether DPM	ACGIH TWA, STEL: 100ppm, 150ppm [eye, URT irr; CNS impair] OSHA PEL TWA: 100ppm (600mg/m³) [skin] NIOSH REL TWA, ST: 100ppm (600mg/m³), 150ppm (900mg/m³) [skin]
sodium orthosilicate	OSHA PEL TWA: 2mg/m³
tetrasodium salt of EDTA acid	ACGIH TLV: not established OSHA PEL: not established NIOSH REL: not established

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ENGINEERING CONTROLS n/a

PERSONAL PROTECTION

Eye **Wear chemical splash goggles.**Skin **Wear impervious gloves, a synthetic apron and other protective equipment to prevent contact.**Respiratory **None needed under normal and intended conditions of use.**Hygiene measures **Wash after handling. Do not eat, drink, or smoke in work areas.**

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Physical state **liquid** Color **clear**Odor **mild** Odor threshold **n/a** pH **n/a** (max pH=14)Melting point/freezing point **n/a** Boiling point/range **n/a** Flash point **n/a**Evaporation rate **n/a** Upper/lower flammability or explosive limits **n/a**Vapor pressure **n/a** Vapor density **n/a** Relative density **1.03** (water=1)Solubility **complete (water)** Partition coefficient: n-octanol/water **n/a**Auto-ignition temperature **n/a** Decomposition temperature **n/a** Viscosity **n/a**

Section 10: STABILITY AND REACTIVITY

Reactivity **n/a** Chemical stability **stable at normal temperatures and pressures**Possibility of hazardous reactions **n/a** Conditions to avoid **n/a**Incompatible materials **strong acids, oxidizers, nitrogen compounds**Hazardous decomposition products **n/a**

Section 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure: **skin and eye contact**

SYMPTOMS

eye contact **pain, watering, redness** skin contact **pain, redness**inhalation **headache, slight dizziness**ingestion **irritation of mucous membrane, nausea, vomiting**

ACUTE TOXICITY

Eye contact **Causes serious eye irritation**Skin contact **Causes skin irritation** Inhalation **n/a**Ingestion **Causes irritation of mucous membranes**CHRONIC TOXICITY **n/a**TOXICITY DATA **glycol ether PM** oral toxicity LD₅₀ **4016mg/kg rat;**
dermal toxicity LD₅₀ **> 2000mg/kg rabbit**
inhalation toxicity LC₅₀, 6h, vapor **> 25.8mg/l rat****glycol ether DPM** oral toxicity LD₅₀ **> 5000mg/kg rat;**
dermal toxicity LD₅₀ **9510mg/kg rabbit**
inhalation toxicity LC₅₀, 7h, aerosol **3.35mg/m³ rat****sodium orthosilicate** oral toxicity LD₅₀ **> 5000mg/kg rat;**
dermal toxicity LD₅₀ **9510mg/kg rabbit**
inhalation toxicity LC₅₀, 7h, aerosol **3.35mg/m³ rat**National Toxicology Program Report on Carcinogens (NTP) **not listed**

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International Agency for Research on Cancer Monographs (IARC) **not listed**

OSHA (carcinogens) **not listed**

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity **harmful to aquatic life**

Section 13: DISPOSAL CONSIDERATIONS

Disposal **Dispose of in accordance with federal, state and local regulations.**

RCRA class **not listed**

Section 14: TRANSPORT INFORMATION

US DOT shipping description **unregulated**

Section 15: REGULATORY INFORMATION

TSCA **All components are listed or exempt.** SARA III 313, Form R **no listed substance**

Section 16: OTHER INFORMATION

HMIS (health **2**, flammability **0**, reactivity **0**); **NFPA** (health **2**, flammability **0**, reactivity **0**)

Abbreviations: **ACGIH** American Conference of Governmental Industrial Hygienists, Inc.
n/a no applicable information available
NIOSH National Institute for Occupational Safety and Health
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
REL Recommended Exposure Limit
SARA Superfund Amendments and Reauthorization Act
STEL Short Term Exposure Limit
TLV Threshold Limit Value
TSCA Toxic Substance Control Act
TWA Time Weighted Average
URT Upper Respiratory Tract

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