



Bright Bay Products, LLC | Tampa, FL

Safety Data Sheet

I. Identification

Product Name:	Guardian Pool & Tile Cleaner
Product Code:	P1004, P1032, P1128, P1005
Product Use:	Tile Cleaner and Calcium Carbonate Scale Remover
Product Manufacturer:	Bright Bay Products, LLC
In Case Of An Emergency:	Call CHEMTREC day or night USA/Canada - 1.800.424.9300 Mexico - 1.800.681.9531 Outside USA/Canada 1.703.527.3887


II. Hazards Identification

Emergency Overview

Appearance/Odor:	Clear / Odorless
Classification:	COMPLIES WITH 29CFR 1900.1200 DATED MAY 2012 WARNING ACUTE EYE IRRITATION (Category 2A) ACUTE DERMAL IRRITATION (Category 4)
Other Information:	No Other Information
Hazard Not Otherwise Classified (HNOC)	None Known



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Signal Word	Warning
Hazard Statements:	Causes serious eye irritation Causes skin irritation May cause tissue damage after prolonged exposure
Hazard Pictograms:	 WARNING

Precautionary Statements

Prevention:	DO NOT get in eyes, on skin or clothing. DO NOT mix with bleach or other household chemicals harmful; fumes may result. DO NOT ingest. DO NOT breathe vapor or mist. Use in well ventilated areas. Keep container closed when not in use. KEEP OUT OF REACH OF CHILDREN
Response:	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. Wear eye protection/face protection. Wash skin thoroughly after handling. If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. Wear protective gloves. Call a POISON CENTER or doctor/physician if you feel unwell. Avoid breathing fumes.



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Storage:	Store in original containers in a secure area away from children and pets.
Disposal:	None

III. Composition/Information on Ingredients

Substance/Mixture:	Proprietary Acid and Surfactant Blend
Other Means of Identification:	N/A
CAS Number/Other Identifiers	
CAS Number:	N/A

Ingredient Name	%	CAS Number
Proprietary Acid Blend	15 - 25%	N/A
Proprietary Surfactant Blend	1 - 5%	N/A

Composition Comments:	The exact percentages (concentration) of mixture has been withheld as a trade secret in accordance to paragraph (i) of §1910.1200
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IV. First-Aid Measures

Eye Contact:	In case of eye contact, immediately rinse eye thoroughly with plenty of water. Remove contact lenses, and continue rinsing for at
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	least 15 minutes. If irritation persists, get medical attention.
Skin Contact:	Can be irritating to skin, prolonged contact can be more severe, no adverse effects during normal usage. In case of skin contact, rinse area for at least 15 minutes. Remove contaminated clothing and shoes, wash thoroughly before reuse. If irritation persists get medical attention.
Inhalation:	Not a significant route of exposure. Remove to fresh air. If breathing is difficult, GET MEDICAL ATTENTION IMMEDIATELY.
Ingestion:	DO NOT induce vomiting. If fully conscious, drink 16 ounces of water. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER give an unconscious person anything to ingest.

V. Fire Fighting Measures

Extinguishing Media:	Not flammable. Use appropriate media for area. Use water spray, dry chemical, alcohol-resistant foam or carbon dioxide.
Hazardous Combustion Products:	Carbon Monoxide. Thermal decomposition can lead to irritating gases and vapors.
Fire Fighting Methods:	Evacuate area of personnel. Wear protective NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers. Prevent fire extinguishing material from contaminating surface water or the ground water system.
Fire and Explosions Hazards:	None known.



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VI. Accidental Releases Measures

Steps to be taken in Case Material is Released or Spilled:	Avoid contact with skin and eyes
Small Spill:	No special clean-up procedure is necessary for small (less than 1 gallon) spills. Flush spill area with water. Wear rubber gloves.
Large Spill:	Use personal protection recommended in Section 8. Isolate area, and deny entry to unnecessary and unprotected personnel. Dam spill, and absorb with earth, sand or similar material. Place in non-leaking containers. Dispose of collected material according to local, state, and federal regulations. Flush residue with large amount of water. Avoid direct discharge to sewers and surface waters.

VII. Handling and Storage

HANDLING and STORAGE:	Avoid contact with eyes, skin or clothing. May be harmful or if swallowed. Use with adequate ventilation. Avoid breathing vapors or mist. Do not eat, drink, or smoke in work area. Wash hands thoroughly after use. Consumer size containers (08, 32 fluid ounces and gallon containers) should be rinsed and recycled. Store in cool well-ventilated area, away from heat. Keep containers tightly closed. Avoid contact with combustible materials. Store in original containers in a secure area away from
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	children and pets. DO NOT MIX WITH BLEACH, OR ANY OTHER PRODUCTS AS TOXIC FUMES MAY RESULT. KEEP OUT OF REACH OF CHILDREN.
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VIII. Exposure Controls/Personal Protection

Occupational Exposure Limits

Components	Type	Percent	Value
Proprietary Acid Blend	Contains no substance with occupational exposure limit values	15% - 25%	N.E.
Proprietary Surfactant Blend	ETHYLENE OXIDE (CAS 75-21-8)	<0.000001%	0.5 PPM 29 CFR 1910.1047

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used, especially in confined areas. Ventilation rates should be matched to conditions. Provide eyewash stations and safety showers close to work location.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles). Face-shield. Wear a full-face respirator, if needed.



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Hand protection	Wear appropriate chemical resistant gloves.
Other Respiratory protection	Wear appropriate chemical resistant clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
General Hygiene Considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

IX. Physical and Chemical Properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Colorless
Odor	Mild.
Odor threshold	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Does not flash
pH	1.8 – 2.2
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.



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Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.109
Solubility(ies)	
Solubility (water)	Completely soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	> 392 °F (> 200 °C)
Viscosity	No data available.
Other information VOC (Weight %)	0 %

X. Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and
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	transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	None Determined
Conditions to avoid	Heat, flames and sparks. Elevated temperatures
Incompatible materials	Strong bases. Strong oxidizing agents.
Hazardous decomposition products	None Known

XI. Toxicological Information

Routes of Exposure: Eyes, Skin, Inhalation, Ingestion.	
Inhalation	No adverse effects expected under typical use conditions.
Skin contact	Mild Irritant. Prolonged contact may cause dermatitis, and itching
Eye contact	Irritant: avoid eye contact. Effects may vary depending on length of exposure, solution concentration
Ingestion	Oral burns, vomiting, and gastrointestinal disturbance.
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.



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Information on toxicological effects	
Acute toxicity	Harmful if swallowed.
Skin corrosion/irritation	GHS Category 4 – Mild Skin Irritation
Serious eye damage/eye irritation	GHS Category 2A - Irritant
Respiratory sensitization	No data available.
Skin sensitization	Not a skin sensitizer.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.
Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	No data available.
Specific target organ toxicity - repeated exposure	No data available.
Aspiration hazard	Not classified.
Chronic effects	No known effect.



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XII. Ecological Information

Ecotoxicity	The product is not classified as environmentally hazardous.
Persistence and degradability	Readily biodegradable, according to appropriate OECD test.
Bioaccumulative potential	Does not bioaccumulate
Mobility in soil	Not available.
Other adverse effects	No information available

XIII. Disposal Considerations

Disposal instructions	Rinse empty containers and recycle. Dispose of unused product in a permitted hazardous waste management facility following all local, state, and federal regulations. Follow label warnings, since containers may retain some residue of the product. Processing, use or contamination of this product may change the waste management options. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. State and local disposal regulations may differ from federal disposal regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)).
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Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

XIV. Transport Information

DOT
Not Regulated
IATA
Not Regulated
IMDG
Not Regulated

XV. Regulatory Information

US Federal Regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.



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OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4)	Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
SARA 302 Extremely hazardous substance	Not listed.
SARA 311/312 Hazardous chemical	No
SARA 313 (TRI reporting)	Not regulated.
Other federal regulations	
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.
Safe Drinking Water Act (SDWA)	Not regulated.
US state regulations	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material contains <0.000001% Ethylene Oxide which is included on the California list of chemicals which may cause cancer.
	US. Massachusetts RTK - Substance List None listed



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International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).



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XVI. Other information, including date of preparation or last revision

Issue date	12/22/2015
Revision date	07/15/2018
Version #	02
NFPA ratings	1, 0, 0. None
References	HSDB® - Hazardous Substances Data Bank Registry of Toxic Effects of Chemical Substances (RTECS)
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