

The Master's Touch
7901 N. 71st Ave.
Glendale, AZ 85303
1-623-889-0313

Safety Data Sheet

Section 1: Product and Company Information

Product Identifier

Product Name:

Bio-Clean-R

Product Number:

20-272

24 Hour Emergency Phone Numbers:

1-800-535-5035

Section 2: Hazards Identification

<u>GHS Classification</u>	Skin corrosion; Category 2 Serious eye damage/eye irritation; Category 2 Acute toxicity- oral; Category 5
<u>GHS Label Elements</u>	
Signal Word:	Warning
Symbols:	
Hazard Statements:	Causes skin irritation. Causes serious eye irritation. May be harmful if swallowed.
Precautionary Statements – Prevention	Wash thoroughly after handling. Avoid release into environment. Wear protective gloves. Wear eye/face protection.
Precautionary Statements – Response	If on skin: Wash with plenty of soap & water. Consult physician if irritation occurs. Remove and wash contaminated clothing. If in eyes: Rinse with water for several minutes. Remove contact lenses if present and continue rinsing. Contact physician immediately.
Precautionary Statements – Disposal	In accordance with all local, regional, national regulations.
Hazards not otherwise classified (HNOC) Other information Unknown Acute Toxicity	None Known.

Section 3: Composition / Information on Ingredients

Chemical Name	CAS No.	Weight-%	Trade Secret
Sodium carbonate	497-19-8	7-13	*
Sodium metasilicate	6834-92-0	1-5	*
Orange terpenes	5989-27-5	3-7	*
Citric Acid, Anhydrous	77-92-9	1-5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: First Aid Measures

General Advice:	If symptoms persist, call physician.
Eye Contact:	Immediately flush with water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing lifting upper and lower eyelids. Get medical attention.
Skin Contact:	Wash with water for 15 minutes. If irritation occurs get medical attention. Remove and launder contaminated clothing before reuse.
Inhalation:	Move to fresh air. Call physician if symptoms develop or persist.
Ingestion:	Rinse mouth. Drink plenty of water. Get medical attention if symptoms appear. Do not induce vomiting without advice from medical professional.
Self-protection for first aider:	
Note to physicians:	Provide general supportive measures and treat symptomatically.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Use measures that are appropriate to local circumstances and surround environment.
Hazardous Combustion Products:	None known.
Specific Hazards Arising from Chemical:	No unusual fire or explosion hazards noted.
Protective equipment and precautions for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn.

Section 6: Accidental Release Measures

Personal Precautions:	Wear appropriate protective equipment and clothing. Ensure adequate ventilation. Avoid contact with skin and eyes. Keep unnecessary personnel out of spill area.
Spill Clean-Up:	Prevent entry into waterways and sewers. If in liquid state, soak up with inert absorbent and place into appropriate container for disposal. If granular, sweep up and place in container for disposal. Flush away trace residue with water.

Section 7: Handling and Storage

Advice on Safe Handling:	Do not get this material in contact with eyes. Avoid skin contact. Ensure adequate ventilation. Use good industrial hygiene practices.
Storage Conditions:	Store in original container and keep tightly closed. Store in cool, well-ventilated location. Keep out of reach of children.
Incompatible Materials:	None known.

Section 8: Exposure Controls

<u>Product Name</u>	<u>Exposure Limits</u>
Tetrasodium pyrophosphate, 7722-88-5	OSHA TWA (vacated): 5 mg/m3

Personal Protective Equipment	
Eye/Face Protection:	Safety glasses with side shields or goggles.
Skin and Body Protection:	Protective gloves and appropriate chemical resistant clothing.
Respiratory Protection:	If ventilation is insufficient or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
General Hygiene Considerations:	Wash after handling and before eating, drinking and smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9: Physical and Chemical Properties

Physical State:	Powder	Color:	Green
pH:	NA	Odor:	Citrus
Boiling Point:	NA	Vapor Pressure: MM HG/20 DEG, C:	NA
Specific Gravity:	NA	Evaporation Rate: (Butyl Acetate = 1)	NA
Solubility:	100% in water		

Section 10: Stability and Reactivity

Chemical Stability and Reactivity	Stable and non-reactive under normal conditions.
Possible Hazardous Reactions	No dangerous reactions known under normal conditions.
Conditions to Avoid	Extreme heat.
Incompatible Materials	None known.
Hazardous Decomposition Products	None known.

Section 11: Toxicological Information

Acute Toxicity				
Product/Ingredient Name	Result	Species	Dose	Exposure
Sodium carbonate, 497-19-8	LD50, Oral LC50, Inhalation	Rat Rat	4090 mg/kg 2300 mg/m3	2 h
Orange Terpenes, 5989-27-5	LD50, Oral LD50, Dermal	Rat Rabbit	4400 mg/kg >5 g/kg	
Sodium metasilicate, 6834-92-0	LD50, Oral	Rat	600 mg/kg	
Tetrasodium pyrophosphate 7722-88-5	LD50, Oral	Rat	1000 – 3000 mg/kg	
Citric acid, Anhydrous, 77-92-9	LD50, Oral	Rat	3000 mg/kg	

Information on likely routes of exposure	
Product Information	
Inhalation:	Avoid breathing dust. Inhalation of high concentration may cause irritation.
Eye Contact:	May cause serious eye irritation.
Skin Contact:	May cause skin irritation.
Ingestion:	Not an expected route of exposure. May be harmful if swallowed.

Section 12: Ecological Information

Environmental Effects:	Harmful to aquatic life.
General Notes:	No information available.

Section 13: Disposal Considerations

Waste Information:	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.
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Section 14: Transport Information

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification		Not regulated			
IMDG Class		Not regulated			

NOTE: DOT Classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG*: Packaging Group

Section 15: Regulatory Information

Clean Water Act	Does not contain any substances regulated as pollutants.
CERCLA	Does not contain any substance regulated as hazardous substances.
TSCA	Complies

Section 16: Other Information

	Health Hazards	Flammability	Physical Hazards	Personal Protection
HMIS	2	0	0	
NFPA	2	0	0	

Issue Date: 06-01-2015

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in text.