

# SAFETY DATA SHEET

Date Entered: 18/06/23 Modified: NA

## 1 PRODUCT AND COMPANY IDENTIFICATION English

- (1.) Trade Name: **SERUM TG**
- (2.) Chemical Name: Acid Detergent
- (3.) Product Number: 5-671-04
- (4.) Chemical Family: Heavy Duty Cleaner for Tile, Grout and Concrete Cleaner

(5.) Chemical Formula: Proprietary

Importer Restoration Innovations, Pty Ltd  
3/22 Industry Drive,  
Tweed Heads South,  
NSW 2486



07 5523 0554

(6.) **Emergency Contact Phone Numbers:** NSW Poisons Information Centre 13 11 26

## 2 HAZARDS IDENTIFICATION English

(1.) Hazardous Classification: N/A (2.) Signal Word: N/A

(3.) Hazardous Statement: N/A

(4.) Precautionary Labeling: \_\_\_\_\_

Avoid contact with eyes. Do not ingest. keep out of reach of children. When not in use, keep container tightly closed. Store container in cool, dry area. store at temperatures below 125° F/ 52° C . Do not dispose of unused portions into water, creeks, rivers, estuaries or oceans. Do not reuse empty container. Use gloves when handling this product.

(5.) Description Other Hazards: \_\_\_\_\_

(6.) Unknown Toxicity: \_\_\_\_\_

HAZARD CLASS
UN NUMBER
EMERGENCY PHONE <b>13 11 26</b>

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Note: the list of all hazardous substances or CERCLA grreater 1% and carcinogens at 0.1% or greater.

(1.) Ingrediente:	(2.) SARA Nota	(3.) 313	(4.) CAS #:	(5.) % range:	(6.) PEL:	(7.) LD50:	(7.) TLV:
Dipropylene Glycol Monomethyl Ether	No		34590-94-8	1-3%	n/d	5500 mg/kg	n/d
Ethoxylated Alcohol Surfactant	No		68439-46-3	1-3	STEOL 15 ppm	n/d	13 ppm
Acid Salt Blend	No		Mixture	13-18	n/d	n/d	13 ppm
Water	No		07732-18-5	79	non hazardous	non hazardous	non hazardous

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Balance Nonhazardous

Note:

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### FIRST AID MEASURES

English

(1.) Main entry routes into the body(s): \_\_\_\_\_ (2.) Eyes: \_\_\_ (3.) Skin:  X  (4.) Inhalation: \_\_\_ (5.) Ingestion: \_\_\_

(6.) Acute Effects:

(7.) Eyes: tissue irritation, swelling, blurred vision, blindness

(8.) Skin: No reaction anticipated

(9.) Inhalation: some tissue irritation, shortness of breath

(10.) Ingestion: Harmful or fatal if ingested in large amounts.

(11.) Acute Symptoms: May result in gastro-intestinal distress.

(12.) Note to Physician: \_\_\_\_\_

Treat human contact internally as Hydrochloric Acid ingestion

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### FIRE FIGHTING MEASURES

(1.) Flammable Properties: none

#### **Extinguishing media**

(2.) Suitable Extinguishing Media:

Normal procedures

(3.) Unsuitable extinguishing media:

CO<sub>2</sub>

#### **Protection of Fire Fighters**

(4.) Protective Equipment:

Full Face respirator, full body suit

(5.) Specific Hazards:

none

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## ACCIDENTAL RELEASE MEASURES

English

- (1.) Personal Precautions: Chemical Splash Glasses and Chemical Resistant Gloves
- (2.) Environmental Precautions: Keep out of water ways, creeks, lakes, ponds, tributaries and oceans
- (3.) Waste Disposal Method: follow local, state and federal guidelines. Keep out of water ways, creeks, lakes, ponds, tributaries and oceans

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## HANDLING AND STORAGE

- (1.) Storage: Store drums in cool areas out of direct sunlight and away from combustibles. Store at temperatures below 37.7°C or 100°F
- (2.) Handling: use chemical resistant gloves and eye protection when handling concentrate
- (3.) Precautionary Labeling: Avoid contact with eyes. Do not ingest. keep out of reach of children. When not in use, keep container tightly closed. Store container in cool, dry area. store at temperatures below 125°F/ 52°C . Do not dispose of unused portions into water, creeks, rivers, estuaries or oceans. Do not reuse empty container. Use gloves when handling this product.

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## Exposure Controls/Personal Protection

- (1.) **Ventilation:** (2.) Local Exhaust: (3.) General Exhaust:  (4.) None Required: \_\_\_\_\_
- (5.) **Personal Protection Equipment:**  
(6.) **Respirator Type:** (7.) Full Face Respirator: \_\_\_\_\_ (8.) Half Face Respirator: \_\_\_\_\_ (9.) Dust Particle Filter: \_\_\_\_\_
- Note: Eye Protection and Chemical Resistant Gloves
- (10.) **Gloves:** (11.) Natural rubber: \_\_\_\_\_ (12.) Plastic:  (13.) Nitril:  (14.) Neoprene:  (15.) Butyl: \_\_\_\_\_  
(16.) Other: \_\_\_\_\_
- (17.) **Eye Protection:** (18.) Glasses With Side Shields:  (19.) Full Face Shield: \_\_\_\_\_ (20.) Chemical Splash Goggles: \_\_\_\_\_  
(21.) Other: \_\_\_\_\_

(22.) **Symbols Of PPE Required:**



CHEMICAL NAME:	ACGIH	OSHA

(23.) **Engineering Controls:**

GENERAL Ventilation should be provided to minimize AEROSOLIZED PARTICLES OF LIQUID CLEANER.

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## PHYSICAL & CHEMICAL PROPERTIES

English

- (1.) Physical State: Liquid
- (2.) Appearance: Light Brown
- (3.) Odor: Characteristic Acid
- (4.) Boiling Point: 212 °F 100 °C
- (5.) Freeze Point: 32 °F 0 °C
- (6.) Flash Point: N/A °F
- (7.) Specific Gravity: 1.07
- (8.) Density: 0.891 g/cm<sup>3</sup>.
- (9.) pH Neat: 1.0
- (10.) pH 1%: 2.0
- (11.) % Solids: 16.3%
- (12.) % Volatiles: 8370.0%
- (13.) Solubility In Water: 100%
- (14.) Vapor Pressure: n/d
- (15.) Vapor Density: n/d
- (16.) Evaporation Rate: >Water
- (17.) VOC Less Exempt: 0.0
- (18.) VOC As Packaged: 0.0
- (19.) Viscosity: 1

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## CHEMICAL STABILITY & REACTIVITY INFORMATION

- (1.) Thermal Stability: Stable
- (2.) Chemical Stability: Stable
- (3.) Condition To Avoid: Heat over 125 degrees F or 51.6 degrees C
- (4.) Hazardous Decomposition Products: none
- (5.) Hazardous Polymerization: (A) May Occur:      (B) Will not occur: X
- (6.) Materials To Avoid: all strong alkaline chemicals
- (7.) Corrosive Action On Materials: oxidizer on iron
- (8.) Avoid: Strong Alkaline Materials

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## TOXICOLOGICAL INFORMATION

- (1.) Routs(s) of entry into the body: (2.) Eyes:      (3.) Skin: X (4.) Inhalation:      (5.) Ingestion:
- (2.) Eyes: Rinse with potable water for 15 minutes. If symptoms persist, contact a medical professional
- (3.) Inhalation: Remove to fresh air. If symptoms persist, contact medical professional
- (4.) Skin: Rinse contact area with soap and water. Mix two spoons Baking Soda in 16 oz. potable water and apply to contact area. If irritation persists, contact a medical professional.
- (5.) Ingestion: Causes burning of the mouth, esophagus, and stomach lining. drink large volumes of water immediately while contacting a medical professional
- (6.) Toxicity Data: As with most chemicals, Toxicity depends on length of time exposed, concentration of exposure and PPE controls in place at the time of exposure.

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(7.) Summary Of Health Effects:

None expected

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### ECOLOGICAL INFORMATION

English

(1.) Environment:

Should be kept out of rivers, creeks and tributaries.

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### DISPOASAL CONSIDERATIONS

(1.) Waste Disposal:

This product can be neutralize with a small amount of mild alkalinity to pH 7.0 and disposed of down the sanitary sewer system. Dispose of following local, state and federal rules

(2.) Legislation:

None

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### TRANSPORTATION INFORMATION

(1.) Indicate country agency/regulator that specifies requirements: U.S.A.-DOT

(2.) **PROPER SHIPPING DESCRIPTION:**

**5 GALLON CONTAINERS (18.927 LIRES) OR MORE PROPER SHIPPING DESCRIPTION**

Compounds, Cleaning, Liquid, N.O.B.I.N., Item Name: Serum TG, Item Number: 5-671-05, Container:Case, NMFC:48580-03

**4 X 1 GALLON (4 x 3.785 LITRE) CONTAINERS OR LESS LIMITED QUANTITY PROPER SHIPPING DESCRIPTION**

Compounds, Cleaning, Liquid, N.O.B.I.N., Item Name: Serum TG, Item Number: 5-671-04, Container:Case, NMFC:48580-03

(3.) Hazard Class: N/A (4.) Hazard Number: N/A (5.) HazChem Code Number: N/A

(6.) Packaging Group: N/A (7.) Emergency Response Code: N/A

(8.) Labels Required: N/A (9.) Other Requirements: Not regulated

(10.) Note: Not regulated

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## REGULATORY INFORMATION

English

### (1.) Poison Schedule:

A poison schedule number has not been allocated to this product

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## OTHER INFORMATION

### (1.) Additional Information:

#### ABBREVIATIONS:

ADB- Air Dry Basis

BEI - Biological Exposure Indice(s)

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds

CNS - Central Nervous System

IARC - International Agency for Research on Cancer

M - moles per litre, a unit of concentration

mg/m<sup>3</sup> - Milligrams per cubic metre

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline)

ppm = Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

#### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

### (2) Recommendations:

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

### (3) Report Status:

This document has been compiled by Restoration Innovations the importer of the product and serves as the manufacturer's Safety Data Sheet (SDS).

It is based on information concerning the product which has been provided by Restoration Innovations or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from Restoration Innovations.

While Restoration Innovations has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Restoration Innovations accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS