

# SAFETY DATA SHEET


Date Entered: 8/25/11 Modified: 7/7/21

## 1

### PRODUCT AND COMPANY IDENTIFICATION

English

- (1.) Trade Name: **SERUM 2000**
- (2.) Chemical Name: Organic Organism Stain Control (3.) Product Number: 5-212-05
- (4.) Chemical Family: Organic stain control
- (5.) Chemical Formula: Proprietary
- Serum Products, LLC  
1355 West Oak Commons Lane  
Unit B  
Marietta Ga 30062 U.S.A.  
+1 (678)-290-1880


- (7.) Preparers Name: Bill Lyon Phone: +1 (678)-290-1880 U.S.A.
- (8.) **Emergency Contact Phone Numbers:** Medical: (678) 290-1880 Transportation: **(800) 535-5053**

## 2

### HAZARDS IDENTIFICATION

English

- (1.) Hazardous Classification: N/A (2.) Signal Word: N/A
- (3.) Hazardous Statement: N/A
- (4.) Precautionary Labeling: Keep out of the reach of children. Do not ingest. When not in use, keep container tightly closed. Do not dispose of unused portions into water ways, creeks, rivers, estuaries or oceans. Do not reuse empty container. Proper **Personal Protection Equipment (PPE)**: use full face mask with filter cartridges such as 3M 60926 or equivalent, full body protection suit with head and foot covers, chemical resistant gloves and boots, tape at the wrist over suit and gloves to prevent unwanted exposure to the product. Change air filter cartridges at manufacturers recommended frequency. Discard body suit after one use. **FREEZE POINT 32°F**
- (5.) Description Other Hazards: N/A
- (6.) Unknown Toxicity: N/D

HAZARD CLASS

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UN NUMBER

NON-HAZARDOUS

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EMERGENCY PHONE

(800) 535-5053

## 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.) CAS #:	(4.) % range:	(5.) PEL:	(6.) LD50:	(7.) TLV:
Quat-Silane mixture	1	Complex	.9%	N/D	N/D	N/D
Water	2	7732-18-5	99%	N/A	N/A	N/A

# SAFETY DATA SHEET

## SERUM 2000

Balance Nonhazardous

Note:

### 4

## FIRST AID MEASURES

English

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

(6.) Acute Effects:

(7.) Eyes: some tissue irritation, blurred vision

(8.) Skin: some tissue irritation and redness

(9.) Inhalation: High concentrations may cause signs of nasal respiratory irritation.

(10.) Ingestion: some irritation, some swelling of the abdomen, nausea

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

(12.) Note to Physician:

N/D

### 5

## FIRE FIGHTING MEASURES

(1.) Flammable Properties: NONE

### ***Extinguishing media***

(2.) Suitable Extinguishing Media:

Use any method for fire suppression

(3.) Unsuitable extinguishing media:

None

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

(4.) Protective Equipment:

Eye protection

(5.) Specific Hazards:

None

# SAFETY DATA SHEET

SERUM 2000

6

## ACCIDENTAL RELEASE MEASURES

English

- (1.) Personal Precautions: Use Eye Protection
- (2.) Environmental Precautions: Keep out of water ways, lakes, rivers and Oceans
- (3.) Waste Disposal Method: follow local, state and federal guidelines.

7

## HANDLING AND STORAGE

- (1.) Storage: Store at temperatures below 120 F and above 32 F. DO NOT ALLOW IT TO FREEZE
- (2.) Handling: store at temperatures below 120 F and above 32 F. DO NOT ALLOW TO FREEZE
- (3.) Precautionary Labeling: Keep out of the reach of children. Do not ingest. When not in use, keep container tightly closed. Do not dispose of unused portions into water ways, creeks, rivers, estuaries or oceans. Do not reuse empty container. Proper **Personal Protection Equipment (PPE)**: use full face mask with filter cartridges such as 3M 60926 or equivalent, full body protection suit with head and foot covers, chemical resistant gloves and boots, tape at the wrist over suit and gloves to

8

## Exposure Controls/Personal Protection

- (1.) **Ventilation:** (2.) Local Exhaust:        (3.) General Exhaust: X (4.) None Required:
- (5.) **Personal Protection Equipment:**
- (6.) **Respirator Type:** (7.) Full Face Respirator:        (8.) Half Face Respirator: X (9.) Dust Particle Filter:
- Note: WHEN SPRAYING WITH AIRLESS SPRAYER, USE FULL FACE MASK WITH ORGANIC VAPOR/ACID GAS/P-100 FILTERS, WATER PROOF SAFETY SUIT, CHEMICAL RESISTANT GLOVES, OTHERWISE WITH SMALL SPRAYERS USE EYE PROTECTION AND CHEMICAL RESISTANT GLOVES.
- (10.) **Gloves:** (11.) Natural rubber: X (12.) Plastic: X (13.) Nitril: X (14.) Neoprene: X (15.) Butyl: X  
(16.) Other:
- (17.) **Eye Protection:** (18.) Glasses With Side Shields: X (19.) Full Face Shield:        (20.) Chemical Splash Goggles:         
(21.) Other:

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



CHEMICAL NAME:	ACGIH	OSHA
PROPRIETARY	N/D	N/D

(23.) **Engineering Controls:**

Ventilation should be provided to minimize the vapors and mists into the work environment. Spills should be minimized or confined immediately to prevent release into the work area. Remove contaminated clothing immediately and wash before reuse.

# SAFETY DATA SHEET

SERUM 2000

9

## PHYSICAL & CHEMICAL PROPERTIES

English

- (1.) Physical State: Liquid
- (2.) Appearance: Water Clear
- (3.) Odor: None
- (4.) Boiling Point: 212 °F 212 °C
- (5.) Freeze Point: 32 °F 32 °C
- (6.) Flash Point: n/a °F
- (7.) Specific Gravity: 1.00
- (8.) Density: \_\_\_\_\_ lbs./Gal.
- (9.) pH Neat: 4.5
- (10.) pH 1%: 5.5
- (11.) % Solids: 0.9%
- (12.) % Volatiles: 99.1%
- (13.) Solubility In Water: Complete
- (14.) Vapor Pressure: n/d
- (15.) Vapor Density: n/d
- (16.) Evaporation Rate: <1
- (17.) VOC Less Exempt: 0.0
- (18.) VOC As Packaged: 0.0
- (19.) Viscosity: \_\_\_\_\_

10

## CHEMICAL STABILITY & REACTIVITY INFORMATION

- (1.) Thermal Stability: Stable
- (2.) Chemical Stability: Stable
- (3.) Condition To Avoid: **DO NOT ALLOW TO FREEZE**
- (4.) Hazardous Decomposition Products: none
- (5.) Hazardous Polymerization: (A) May Occur: \_\_\_\_\_ (B) Will not occur: X
- (6.) Materials To Avoid: none
- (7.) Corrosive Action On Materials: none
- (8.) Avoid: Freezing

11

## TOXICOLOGICAL INFORMATION

- (1.) Routs(s) of entry into the body: (2.) Eyes: \_\_\_\_\_ (3.) Skin: X (4.) Inhalation: X (5.) Ingestion: \_\_\_\_\_
- (2.) Eyes: Irritation and reddening of whites of the eye
- (3.) Inhalation: Coughing
- (4.) Skin: Possible reddening of skin from irritation
- (5.) Ingestion: nausea and vomiting
- (6.) Toxicity Data: N/D

**SAFETY DATA SHEET**  
**SERUM 2000**

(7.) Summary Of Health Effects:  
None expected

**12**

**ECOLOGICAL INFORMATION**

English

(1.) Environment:  
DO NOT ALLOW INTO OCEANS, RIVERS, STREAMS OR CREEKS.

**13**

**DISPOASAL CONSIDERATIONS**

(1.) Waste Disposal:  
FOLLOW LOCAL OR STATE AUTHORITIES METHODS FOR DISPOSING OF THIS MATERIAL. THIS PRODUCT CAN BE NEUTRALIZED WITH A SMALL AMOUNT OF ALKALINE MATERIAL.

(2.) Legislation:  
NONE PENDING

**14**

**TRANSPORTATION INFORMATION**

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

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

**5 GALLON CONTAINERS OR MORE PROPER SHIPPING DESCRIPTION**

	Compound, Cleaning, Liquid, Item Name: Serum 2000, Item Number: 5-212-05, Container:Pail, NMFC:48580-03
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**4 X 1 GALLON CONTAINERS OR LESS LIMITED QUANTITY PROPER SHIPPING DESCRIPTION**

	Compound, Cleaning, Liquid, Item Name: Serum 2000, Item Number: 5-212-05, Container:Pail, NMFC:48580-03
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(3.) Hazard Class: N/A (4.) Hazard Number: N/A (5.) HazChem Code Number: NONE  
(6.) Packaging Group: N/A (7.) Emergency Response Code: N/A  
(8.) Labels Required: None (9.) Other Requirements: none  
(10.) Note: none

# SAFETY DATA SHEET

## SERUM 2000

# 15

## REGULATORY INFORMATION

English

(1.) Poison Schedule:

A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP)

# 16

## 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.

COLOR RATING SYSTEM: All Chem Alert reports has a color rating of Green, Amber or Red for the sole purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and there by reduce the risk (or likelihood) of adverse effects. As a general guideline, a Green color rating indicates a low hazard, an Amber color rating indicates a moderate hazard and a Red color rating indicates a high hazard.

While all due care has been taken Serum Products in the preparation of the Color Rating System, it is intended as a guide only and Serum does not provide any warranty in relation to the accuracy of the Colour Rating System. As far as is lawfully possible, Serum accepts no liability or responsibility whatsoever for the actions or omissions of any person in reliance on the Color Rating System.

(3) Report Status:

This document has been compiled by Serum Products the manufacturer 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 Serum Products 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 Serum Products.

While Serum Products 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, Serum Products 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

Chemical Alert Color: **GREEN**

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USA  
+1 678 290-1880 Phone  
E-mail: info@serumsystems.com

## SERUM 2000

**Reorder Number: 5-212-05**

SDS Date: 7/7/21 End Report

n/d = Not Determined, n/a = Not Applicable