

Material Safety Data Sheet

SERUM SR™

Serum Products, Inc.

1355 West Oak Commons Lane, Suite B
Marietta, Ga. 30062
(678) 290-1880

Date Entered: 2/1/05
Date Revised: 8/1/10
Emergency Number:
Medical: (866) 477-6078
Transportation: (800) 535-5053

SECTION: 1

PRODUCT IDENTIFICATION:

(1). Product Name: **Serum SR** (2). Product Number: 1-674-05
(3). Chemical name/synonyms: Heavy Duty Smoke Remover (4). EPA Reg. No.: _____
(5). Chemical Family: Alkaline Detergent (6). Chemical formula: Proprietary (7). EPA Est. No.: _____
(8). NFPA & HIMS Acute hazard rating: HEALTH: 2, FLAMMABILITY: 0, REACTIVITY: 0
(9). Preparer Name: Bill Lyon (10). Phone: (866) 477-6078 (11). Personal Protective Equipment: HALF FACE MASK with ORGANIC VA-
POR/ACID GAS/P-100 FILTERS, FULL WATER PROOF TYVAC TYPE SUITE with HOOD AND FEET COVERS ATTACHED and CHEMI-
CAL RESISTANT GLOVES.

SECTION: 2

CHEMICAL COMPOSITION:

(1) **Ingredient** (2) **Note:** (3) **SARA 313** (4) **CAS #** (5) **% RANGE** (6) **PEL** (7) **LD50** (8) **TLV**

(1) Ingredient	(2) Note:	(3) SARA 313	(4) CAS #	(5) % RANGE	(6) PEL	(7) LD50	(8) TLV
2-butoxyethanol		yes	000111-76-2	4-8	25 ppm TWA	1519 mg/kg	25 ppm TWA
Sodium Hydroxide		No	1310-73-2	4-8	2mg/m3	500mg/kg	2mg/m3
Alkyl ether phosphate ester		No	68130-47-2	1-4	3mg/m3	2740mg/Kg	N/D
Sodium Metasilicate		No	6834-92-0	1-4	N/A	N/A	2mg/m3

Note: None

Balance: Non Hazardous

SECTION: 3

PHYSIOLOGICAL EFFECTS:

(1). Primary route(s) of entry into body: (2). EYES: _____ (3). SKIN: X (4). INHALATION: _____ (5). INGESTION: _____
(6). Acute effects: (7). EYES: some tissue irritation. (8). SKIN: irritation. (9). INHALATION: some tissue irritation, shortness of breath.
(10). INGESTION: some irritation, swelling of the abdomen, nausea (11). CHRONIC EFFECTS: none known.

SECTION: 4

EMERGENCY AND FIRST AID PROCEDURES:

(1). EYES: rinse for 15 minutes with potable water while seeking immediate medical attention (2). SKIN: wash affected area with soap & water then rinse with clean clear water. (3). INHALATION: remove victim to fresh air, while seeking immediate medical attention. (4). INGESTION: give large amounts of potable water while seeking immediate medical attention. (5). SPECIAL INSTRUCTIONS TO PHYSICIAN: none

SECTION: 5

FIRE AND EXPLOSION HAZARD DATA:

(1). Flash Point: N/A F° (2). Method: TOC (3). Flammable Limits in Air: N/D (4). Auto Ignition temperature: N/D
(5). Suitable extinguishing media: Water, Foam and/or CO₂ (6). Hazardous combustion bi-products: none (7). Rec. fire fighting procedures: normal procedures . (8). Unusual fire explosion hazards: none

SECTION: 6

ENVIRONMENTAL INFORMATION:

(1). SPILL OR LEAK PROCEDURES: (2). Small spill or leak: Stop leak. mop or vacuum to disposal container or rinse to sanitary sewer.
(3). Large spill or leak: Stop leak, mop or vacuum to disposal container or rinse to sanitary sewer. (4). Spill reportable quantity: N/A .
(5). WASTE DISPOSAL METHOD: follow local, state and federal guide lines. (6). EPA APPROPRIATE WASTE CLASSIFICATION: None.
(7). RCRA appropriate characteristic waste: N/A (8). If So, EPA hazardous waste number: N/A . (9). RCRA appropriate listed waste: N/A . (10). If so, EPA hazardous waste number: N/A . (11). Non RCRA regulated waste: N/A . (12). Procedure for handling empty containers: do not reuse, give container to licensed drum reconditioner. (13). Environmental toxicity data: Keep out of water ways, oceans, rivers, creeks and estuaries (14). OTHER REGULATORY CONTROLS: none. (15). Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as a: (16). Toxic pollutant (section 307): NO. (17). Hazardous substance (section 311)? NO. (18). Oil section 311?: NO. (19). Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as a: (20). Hazardous air pollutant section (12)? NO. (21). Comments: none.

SERUM SR

SECTION: 7

STORAGE AND HANDLING PRECAUTIONS:

(1). Storage: Store at temperatures below 120° and above 32°. (2). Handling: Use chemical resistant gloves and eye protection when handling this concentrate. (3). Using: HALF FACE MASK with ORGANIC VAPOR/ACID GAS/P-100 FILTERS, FULL WATER PROOF TYVAC TYPE SUITE with HOOD AND FEET COVERS ATTACHED and CHEMICAL RESISTANT GLOVES. (4). Precautionary labeling: Corrosive

SECTION: 8

OCCUPATIONAL CONTROL PROCEDURES:

(1). VENTILATION: (2). Local Exhaust: (3). General Exhaust: _____ (4). None Required: _____ (5). Personal Protective Equipment: (6). Respirator Type: FULL FACE MASK with ORGANIC VAPOR/ACID GAS/P-100 FILTERS, FULL WATER PROOF TYVAC TYPE SUITE with HOOD AND FEET COVERS ATTACHED and CHEMICAL RESISTANT GLOVES. (4). Precautionary labeling: DO NOT ALLOW TO FREEZE. (7). Gloves: (8). Natural Rubber: _____ (9). Plastic: _____ (10). Nitrile _____ (11). Neoprene: (12). Butyl: _____ (13). Other: _____ (14). Eye Protection: (15). Glasses with side shield: _____ (16). Half Face Shield: (17). Chemical Splash Goggles: _____ (18). Other: _____.

SECTION: 9

PHYSICAL DATA:

(1). Appearance: Clear Yellow (2). Odor: Butyl (3). Physical State: Liquid (4). Boiling Point: 218°F (5). Freeze Point: 32° F (6). Specific Gravity: 1.05 (7). pH Neat: 13.2 (8). pH 1%:12.2 (9). % Solids: 18.2% (10). % Volatiles: 81.9% (11). Solubility in Water: Complete (12). Vapor Pressure: N/D (13). Vapor Density: N/D (14). Evaporation rate: =1 (15). VOC less Exempt (theoretical): 0.53 lbs/gal. (16). VOC as Packaged (theoretical): 0.53 (17). Foam Potential: Moderate (18). Ozone Depleting compounds: N/D (19). Hazardous Air Pollutants: None (20). EPA Clean Water Act: NO (21). SARA Title III, Section 313 Reportable: NO (22). Boiling Point: 218° F Initial (23). Flammability: Non Flammable

SECTION: 10

REACTIVE DATA:

(1). Thermal stability: Stable (2). Condition to avoid: None (3). Hazardous decomposition Products: None (4). Hazardous Polymerization: (5). may occur: _____ Will not occur: (6). Materials to avoid: Strong Acids (7). Corrosive action on materials: None

SECTION: 11

TOXICOLOGICAL INFORMATION:

(1). Summary of health effects: De-fating of dermal layer of skin. Skin irritant.

SECTION: 12

SHIPPING REQUIREMENTS:

(1). Indicate country/regulatory agency which specifies requirements: U.S.A. - D.O.T.
(2). Proper Shipping Description:
Compound, Cleaning, Liquid, (Sodium Hydroxide), 8, NA-1760, PG III, ERG#60., Item Name: Serum SR, Item Number: 1-674-05, NMFC#: 48580-03, Container: Pail.
(3). Hazardous Class: 8 (4). Identification Number: NA-1760 (5). Packaging Group: III (6). Emergency Response Guide number: ERG#60 (7). Labels Required: CORROSIVE (8). Other requirements: None (9). Note: None (8). DOT Hazardous Classification: CORROSIVE.

SECTION: 13

MANUFACTURER:

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