

5260.185/4X8

MSDS MATERIAL SAFETY DATA SHEET

ENVIRO TECH CHEMICAL SERVICES, INC.
500 WINMOORE WAY MODESTO CA 95358
24-HOUR EMERGENCY TRANSPORTATION RESPONSE
NUMBER 800-474-9100

PRODUCT NAME: SILVER PRE-SOAK

NFPA 704 DESIGNATION

LABEL COLOR: 5260

HEALTH 2
FIRE 0
REACTIVITY 1
PPE

CHEMICAL FAMILY: Tableware Presoak

SECTION I-HAZARDOUS INGREDIENTS OF MIXTURES

CAS # 6834-92-0
CHEMICAL NAME Sodium Metasilicate
% By Wt 6-12%
OSHA PEL n/a
ACQUITLY n/a
OTHER n/a

SECTION II-PHYSICAL DATA

Boiling Point: N/A
Vapor Density (Air=1): N/A
% Volatiles by Volume: N/A
Specific Gravity: N/A
Vapor Pressure: N/A
Solubility in Water (% by Wt.): Complete
Evaporation Rate: N/A
pH of Concentrate: >11.5

Appearance and Odor: White powder with no odor.

SECTION III-FIRE AND EXPLOSION DATA

Flash Point: N/A
Hazardous Polymerization: X Will Not Occur
Flammable Limits: N/A
Lower Explosive Limits: N/A
Upper Explosive Limits: N/A
Extinguishing Media: Water spray, carbon dioxide, foam, or dry chemical.
Special Firefighting Procedures: Use self-contained breathing apparatus. When heated to decomposition it will give off hazardous gases of chlorine and chlorine by-products.
Unusual Fire and Explosion Hazards: May combine with various metals (at decomposition) to form further flammable mixtures.
Conditions to Avoid: Being a slightly alkaline product, do not store with or near acidic products.

Updated 12/15/2009

SECTION IV-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: (Refer to Section II)

EFFECTS OF OVEREXPOSURE:

distress if breathing concentrated vapors.

EMERGENCY AND FIRST AID PROCEDURE:

SKIN:

launder before reuse. EYES:

open. Seek medical attention if irritation persists.

ingestion. Contact a physician or poison control center. DO NOT INDUCE

vomiting. Provide oxygen if severe

in very acute cases. TARGET ORGANS: Skin, eyes, mucous membranes.

SECTION V-REACTIVITY DATA

corrosive. ITT: Acids, heat, sunlight, or contact with iron.

INCOMPATIBILITY: Avoid acids or strong oxidizers when using or storing this product.

HAZARDOUS DECOMPOSITION: Chlorine gas and hydrogen chloride.

SECTION VI-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike small spill sand or a non-toxic container only. Larger spills should be diked with sand ahead of spill. Collect in plastic containers only.
WASTE DISPOSAL METHOD: Dispose with in accordance with all federal, state, and local regulations. Do not release the concentrated or diluted product directly into storm drains, or undesignated surface or groundwater supplies.

SECTION VII-PROTECTIVE EQUIPMENT

VENTILATION: Forced air, local exhaust, or open air is adequate.
PPE: If all chemicals, wear at least chemical resistant gloves, or using this product. In case of confined space high levels encountered in the air, wear self contained breathing apparatus.
WORK/HYGIENIC PRACTICES: No unusual precautions are necessary.

SECTION VIII-REGULATORY INFORMATION

See Section I. Reportable Quantities: 2,000 lbs (as is product)

SECTION IX-STORAGE AND HANDLING

Do not contaminate water, food, or feed by storage or disposal. Keep product in tightly closed container. Store in a cool, dry, well ventilated area. Then offer for recycling or reconditioning puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SECTION X-GENERAL PRECAUTIONS
DO NOT REUSE CONTAINER. Wash thoroughly after handling. For industrial or commercial only. Keep away from children and animals.