

SAFETY DATA SHEET

Revision Date: March 5, 2014

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SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Silver Soak

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: Flatware Presoak and Detarnish

Details of the Supplier of the Safety Data Sheet

Supplier Address: Luseaux Laboratories, Inc. Luseaux Laboratories Inc.
4625 N Santa Fe Drive or 16816 Gramercy Place
Kingman, AZ 86401 Gardena, CA 90247

Emergency Telephone Number

Company Phone Number: Arizona Location: 928-692-0192
California Location: 310-324-1555

Emergency Telephone: CHEMTREC: 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

Appearance: White powder

Physical State: Powder

Odor: Little odor

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2



Signal Word

Warning

Hazard Statements

Causes skin irritation

Causes severe eye irritation

Precautionary Statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 20 minutes. Get immediate medical attention

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Other Information

Not Applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
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Chemical Name	CAS No	Weight-%
Sodium carbonate	497-19-8	Not identified*
Trisodium phosphate dodecahydrate	10101-89-0	Not identified*

*The specific percentages are not identified due to "Trade Secret" status. In emergency situation, further information may be obtained by calling the emergency information number listed above. Reference 29 CFR 1910.1200

SECTION 4: FIRST AID MEASURES

First Aid Measures

Inhalation	Remove victim to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Get immediate medical attention.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove contact lenses and continue flushing for at least 20 minutes. Get immediate medical attention.
Ingestion	Rinse mouth. Do NOT induce vomiting. Give large amounts of water. If victim vomits naturally, rinse mouth and give water again. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Skin Contact	Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Eyes may have symptoms of redness, itching, burning, irritation and watering from overexposure. Prolonged or repeated skin contact may cause irritation or dermatitis. Vomiting, nausea, diarrhea from ingestion.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically. Medical conditions aggravated by exposure: Individuals with chronic eye and skin disorders.
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SECTION 5: FIRE-FIGHTING MEASURES
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Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical

Non-flammable. This material will make floors slippery when wet

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

Personal Precautions: Use personal protective equipment as required. Spills may be slippery.

Environmental Precautions: See Section 12 for additional ecological information.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Sweep up small spills or flush to a sanitary sewer. Recoup useable material from large spills. Sweep up contaminated material and place into containers for disposal.

SECTION 7: HANDLING AND STORAGE**Precautions for Safe Handling**

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. Keep material dry.

Conditions for Safe Storage, Including and Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Incompatible Materials: Strong acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines****Appropriate Engineering Controls**

Engineering Controls Apply technical measures to comply with occupational exposure limits.

Individual Protections Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety glasses or goggles.

Skin and Body Protection: Use impervious gloves. No other protective equipment is needed under normal use conditions.

Respiratory Protection: No protective equipment is needed under normal use conditions and where adequate ventilation conditions exist.

General Hygiene Considerations: Handle in accordance with good industrial hygiene/safety practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
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Information and Basic Physical and Chemical Properties**Physical State:** Powder**Odor:** Little odor**Appearance:** White Powder**Color:** White

Property	Value	Property	Value
pH – 1% solution	10.8 to 11.4	Melting/freezing point	Unknown
Boiling point	Not applicable	Flash point	Non-flammable
Evaporation rate	Not applicable	Flammability	Not determined
Flammability limits/ air	Not determined	Vapor pressure	Not applicable
Vapor density	Not applicable	Specific gravity	Not applicable
Water solubility	Moderately soluble	Solubility in other solvents	Not determined
Partition coefficient	Not determined	Auto-ignition temp	Not determined
Decomposition temp	Not determined	Kinematic viscosity	Not determined
Dynamic Viscosity	Not determined	Explosive properties	Not determined
Oxidizing properties	Not determined	Bulk Density	1.00 gm/cm ³

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids. Metals.

Hazardous Decomposition Products

Phosphorus oxides.

SECTION 11: TOXICOLOGICAL INFORMATION
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Information on Likely Routes of Exposure**Product Information**

Inhalation	Avoid inhalation of dust.
Eye Contact	Causes serious eye irritation.
Skin Contact	May cause skin irritation.
Ingestion	May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret*	= 3/g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h
Sodium carbonate 497-19-8	= 4090 mg/kg (Rat)	-	-
Trisodium phosphate dodecahydrate, 10101- 89-0	= 7400 mg/kg (Rat)	> 7940 g/kg (Rabbit)	-

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity Not classifiable as a human carcinogen.

Numerical Measures of Toxicity-Product

Not determined

SECTION 12: ECOLOGICAL INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

Chemical Name	California Hazardous Waste Status
Sodium carbonate, 497-19-8	Corrosive

SECTION 14: TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

SECTION 15: REGULATORY INFORMATION**International Inventories****Legend:**

TCSA – United States Toxic Substances Act Section 8(b) inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 311/312 Hazard Categories

Trisodium Phosphate Dodecahydrate, 10101-89-0: Immediate Health Hazard

CERCLA: Final RQ = 5000 pounds

US State Regulations

Calif. Prop. 65 Warning: This product may contain a trace amount of one or more of the chemicals on the California list of known carcinogens or substances known to cause birth defects or other reproductive harm. These are not added to the product but occur naturally in the raw materials or processing equipment.

U.S. State Right-to-Know-Regulations

Trisodium Phosphate Dodecahydrate, 10101-89-0 – CA, MA, NJ, PA

SECTION 16: OTHER INFORMATION				
<u>NFPA</u>	Health Hazards 2	Flammability 0	Instability 0	Special Hazards Not determined
<u>HMIS</u>	Health Hazards Not determined	Flammability Not determined	Physical Hazards Not determined	Personal Protection Not determined

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information is designed only as 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 the text.

End of Safety Data Sheet