

SILVER SOAK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 12/31/2014

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : SILVER SOAK
Product code : P147

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : SILVER AND FLATWARE SOAKING DETERGENT
Use of the substance/mixture : Cleansing product
Degreasing agent

1.3. Details of the supplier of the safety data sheet

CleanPak Products LLC.
221 Hobbs Street Suite 108
Tampa, FL 33619
T 813-740-8611 - F 813-740-8218
admin@cleanpakproducts.com - www.cleanpakproducts.com

1.4. Emergency telephone number

Emergency number : 1-800-535-5053
InfoTrac

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
trisodium orthophosphate	(CAS No) 7601-54-9	< 10	Skin Corr. 1A, H314
trisodium orthophosphate, dodecahydrate	(CAS No) 10101-89-0	< 8	Skin Corr. 1A, H314
sodium lauryl sulfate	(CAS No) 151-21-3	< 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Aquatic Acute 2, H401
alcohols, C9-C11-iso, C10-rich, ethoxylated	(CAS No) 78330-20-8	< 5	Acute Tox. 4 (Oral), H302 Aquatic Acute 3, H402

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.
First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after eye contact : Rinse immediately with plenty of water.
First-aid measures after ingestion : Drink plenty of water.

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4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : EXTINGUISHING MEDIA FOR SURROUNDING FIRES:

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

No additional information available

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

SILVER SOAK	
ACGIH	Not applicable
OSHA	Not applicable
trisodium orthophosphate (7601-54-9)	
ACGIH	Not applicable
OSHA	Not applicable
trisodium orthophosphate, dodecahydrate (10101-89-0)	
ACGIH	Not applicable
OSHA	Not applicable
sodium lauryl sulfate (151-21-3)	
ACGIH	Not applicable
OSHA	Not applicable
alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
ACGIH	Not applicable
OSHA	Not applicable

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8.2. Exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light blue
Odour	: Almost odourless
Odour threshold	: No data available
pH	: 12
pH solution	: < 9
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Specific gravity	: ≈ 1.05
Solubility	: Water: ≈ 100 %
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

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trisodium orthophosphate (7601-54-9)	
LD50 oral rat	4800 mg/kg (Rat; OECD 420: Acute Oral toxicity – Acute Toxic Class Method; Experimental value; >2000 mg/kg bodyweight; Rat)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Read-across; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
ATE US (oral)	4800.000 mg/kg bodyweight
trisodium orthophosphate, dodecahydrate (10101-89-0)	
LD50 oral rat	7400 mg/kg (Rat; OECD 420: Acute Oral toxicity – Acute Toxic Class Method; Literature study; >2000 mg/kg bodyweight; Rat)
LD50 dermal rabbit	> 7940 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 0.83 mg/l/4h (Rat; Read-across)
ATE US (oral)	7400.000 mg/kg bodyweight
sodium lauryl sulfate (151-21-3)	
LD50 oral rat	1288 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; 977 mg/kg bodyweight; Rat; OECD 401: Acute Oral Toxicity; Experimental value; 1427 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	< 2000 mg/kg (Rat; Literature study)
LD50 dermal rabbit	> 580 mg/kg (Rabbit; Read-across; Equivalent or similar to OECD 402; >500 mg/kg bodyweight; Rabbit)
ATE US (oral)	1288.000 mg/kg bodyweight
ATE US (dermal)	1100.000 mg/kg bodyweight
alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
LD50 oral rat	500 - 2000 mg/kg (Rat; Experimental value)
ATE US (oral)	500.000 mg/kg bodyweight

Skin corrosion/irritation	: Not classified. pH: 12
Serious eye damage/irritation	: Not classified pH: 12
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

trisodium orthophosphate (7601-54-9)	
LC50 fishes 1	2400 mg/l (48 h; Leuciscus idus)
LC50 fish 2	220 mg/l (96 h; Lepomis macrochirus)
trisodium orthophosphate, dodecahydrate (10101-89-0)	
LC50 fishes 1	2400 mg/l (48 h; Leuciscus idus; Anhydrous form)
EC50 Daphnia 1	> 100 mg/l (48 h; Daphnia magna)
LC50 fish 2	220 mg/l (96 h; Lepomis macrochirus; Anhydrous form)
Threshold limit algae 1	> 100 mg/l (72 h; Desmodesmus subspicatus)
sodium lauryl sulfate (151-21-3)	
LC50 fishes 1	4.62 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Nominal concentration)
EC50 Daphnia 1	6.3 - 7.8 mg/l (48 h; Daphnia magna; Static system)
EC50 other aquatic organisms 1	18 mg/l (168 h; Lemna sp.)
LC50 fish 2	7.97 mg/l (96 h; Brachydanio rerio)
EC50 Daphnia 2	12.6 mg/l (48 h; Daphnia pulex)
Threshold limit other aquatic organisms 1	40 mg/l (72 h; Protozoa)
Threshold limit algae 1	14.8 mg/l (72 h; Chlorophyta)
Threshold limit algae 2	0.02 mg/l (192 h; Scenedesmus quadricauda; Growth rate)

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alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
LC50 fishes 1	10 - 100 mg/l (96 h; Leuciscus idus)
EC50 Daphnia 1	10 - 100 mg/l (48 h; Invertebrata)
Threshold limit algae 1	10 - 100,96 h; Aquatic plants

12.2. Persistence and degradability

trisodium orthophosphate (7601-54-9)	
Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
trisodium orthophosphate, dodecahydrate (10101-89-0)	
Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. No (test)data on mobility of the substance available.
ThOD	Not applicable (inorganic)
sodium lauryl sulfate (151-21-3)	
Persistence and degradability	Readily biodegradable in water.
alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
Persistence and degradability	Readily biodegradable in water. Adsorption to soil is possible.

12.3. Bioaccumulative potential

trisodium orthophosphate (7601-54-9)	
Bioaccumulative potential	No bioaccumulation data available.
trisodium orthophosphate, dodecahydrate (10101-89-0)	
Bioaccumulative potential	Not bioaccumulative.
sodium lauryl sulfate (151-21-3)	
BCF fish 1	3.9 - 5.3 (72 h; Cyprinus carpio)
BCF fish 2	7.15 (Pisces; Chronic)
Log Pow	1.6
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :
Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

In accordance with DOT
Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

No additional information available

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Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 2	Hazardous to the aquatic environment — Acute Hazard, Category 2
Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H401	Toxic to aquatic life
H402	Harmful to aquatic life

NFPA health hazard

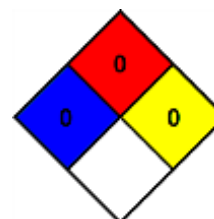
: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard

: 0 - Materials that will not burn.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 0 Minimal Hazard - No significant risk to health

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product