

**Safety Data Sheet: Small Machine Wash****SECTION 1: Identification****Product identifier**

Product name Small Machine Wash

Product number 154100.0000

**Recommended use of the chemical and restrictions on use**

Laundry detergent.

**Supplier's details**Name California Prison Industry Authority  
Address CSP-Los Angeles County  
44750 60th Street West  
Lancaster, CA 93536  
USA

Telephone (661) 729-2000 Ext. #7930

**Emergency phone number(s)**

1 (800) 424-9300

**SECTION 2: Hazard identification****Classification of the substance or mixture****GHS classification in accordance with: OSHA (29 CFR 1910.1200)**

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1B
- Specific target organ toxicity (single exposure), Cat. 3

**GHS label elements, including precautionary statements****Pictogram****Signal word****Danger****Hazard statement(s)**

H302

H314

H318

H335

Harmful if swallowed

Causes severe skin burns and eye damage

Causes serious eye damage

May cause respiratory irritation

**Precautionary statement(s)**

P260

P264

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash hands thoroughly after handling.

## Safety Data Sheet

## Small Machine Wash

P270  
P271  
P280  
P301+P330+P331  
P303+P361+P353

P304+P340  
P305+P351+P338

P310  
P330  
P363  
P403+P233  
P405  
P501

Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
Immediately call a poison center or doctor.  
Rinse mouth.  
Wash contaminated clothing before reuse.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.  
Dispose of contents/container in accordance with applicable regional, national and local laws and regulations.

### SECTION 3: Composition/information on ingredients

#### Mixtures

#### Components

##### 1. Sodium carbonate

Concentration 30 - 60 % (weight)  
CAS no. 497-19-8

##### 2. Pentasodium Triphosphate

Concentration 10 - 30 % (weight)  
CAS no. 7758-29-4

##### 3. Sodium Metasilicate

Concentration 10 - 30 % (weight)  
CAS no. 6834-92-0

##### 4. Sodium dodecylbenzene sulfonate

Concentration 3 - 7 % (weight)  
CAS no. 68081-81-2

##### 5. Tetrasodium Pyrophosphate

Concentration < 3 % (weight)  
CAS no. 7722-88-5

#### Trade secret statement (OSHA 1910.1200(i))

Exact percentage (concentration) of composition has been withheld as a trade secret.

### SECTION 4: First-aid measures

#### Description of necessary first-aid measures

General advice In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

If inhaled Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include burning pain in the nose and throat, coughing, wheezing, shortness of breath and pulmonary edema.

In case of skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Immediately call a poison center or doctor. Wash contaminated clothing before reuse.

Acute and delayed symptoms and effects: Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

In case of eye contact

If in eyes: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

If swallowed

If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Never give anything by mouth to an unconscious person.

Acute and delayed symptoms and effects: Harmful if swallowed. Causes burns to nose, mouth, throat, and digestive tract. Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea, blood in the feces and/or vomitus may also be seen.

#### **Most important symptoms/effects, acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

#### **Indication of immediate medical attention and special treatment needed, if necessary**

Symptoms may not appear immediately.

### **SECTION 5: Fire-fighting measures**

#### **Suitable extinguishing media**

Small Fire: Dry chemical, CO<sub>2</sub> or water spray.

Large Fire: Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray. Move containers from fire area if you can do it without risk. Dike fire-control water for later disposal; do not scatter the material.

#### **Specific hazards arising from the chemical**

Oxides of carbon. Oxides of sulphur. Oxides of phosphorus.

#### **Special protective actions for fire-fighters**

Avoid any skin contact. Effects of contact or inhalation may be delayed. Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

**Further information**

Use water spray to cool unopened containers.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection if necessary. Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

**Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas.

**Methods and materials for containment and cleaning up**

Stop leak if you can do it without risk. Sweep up and shovel into suitable containers for disposal.

**Reference to other sections**

For disposal see section 13.

**SECTION 7: Handling and storage****Precautions for safe handling**

Do not swallow. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. See Section 8 for information on Personal Protective Equipment.

**Conditions for safe storage, including any incompatibilities**

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

**Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

**SECTION 8: Exposure controls/personal protection****Control parameters**

Particulates (Insoluble or Poorly Soluble) Not Otherwise Specified (PNOS), Inhalable

ACGIH: 10 mg/m<sup>3</sup> inhalation

Particulates (Insoluble or Poorly Soluble) Not Otherwise Specified (PNOS), Respirable fraction

ACGIH: 3 mg/m<sup>3</sup> inhalation

Particulates Not Otherwise Regulated (PNOR)(i), Respirable fraction

OSHA: 5 mg/m<sup>3</sup> inhalation

Particulates Not Otherwise Regulated (PNOR)(i), Total dust

OSHA: 10 mg/m<sup>3</sup> inhalation

**Appropriate engineering controls**

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

**Individual protection measures, such as personal protective equipment (PPE)****Eye/face protection**

Wear chemical safety goggles. Indirect vented, dust-tight goggles are required if dust is generated when handling this product. Ensure that eyewash stations and/or safety showers are close to the workstation location. Use equipment for

eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

**Skin protection**

Wear protective gloves (rubber, chemical resistant). Consult manufacturer specifications for further information.

**Body protection**

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator with particulate filter, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

**Thermal hazards**

No data available.

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

Appearance/form (physical state, color, etc.)	White powder.
Odor	Chlorine
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	Soluble in water.
Partition coefficient: n-octanol/water	
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

**SECTION 10: Stability and reactivity**

**Reactivity**

Stable under recommended storage conditions.

**Chemical stability**

Stable under normal storage conditions.

**Possibility of hazardous reactions**

Sodium metasilicate can release hydrogen gas in contact with the incompatibles, causing a risk for explosion. Exothermic reaction with acids.

**Conditions to avoid**

Contact with incompatible materials. Sources of ignition. Exposure to heat.

**Incompatible materials**

Acids. Oxidizers. Metals. Aluminum. Fluorine.

**Hazardous decomposition products**

Hydrogen gas.

**SECTION 11: Toxicological information****Information on toxicological effects****Acute toxicity**

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

ATE (oral) of mixture: 1351.35 mg/kg

ATE (dermal) of mixture: 3666.67 mg/kg

ATE (inhalation, gaseous) of mixture: 15000 ppmv

**Components:****Sodium carbonate:**

LD50 Oral - Rat - 4,090 mg/kg

LC50 Inhalation - Rat - 5,750 mg/l - 2 h

**Sodium metasilicate:**

LD50 Oral - Rat - 1,152 - 1,349 mg/kg

**Sodium sulfate:**

LD50 - Mouse - 5,989 mg/kg

**Sodium carboxymethyl cellulose:**

LD50 Oral - Rat - 27,000 mg/kg

LD50 Skin - Rabbit - >2,000 mg/kg

**Pentasodium Triphosphate:**

LD50 Oral - Rat - > 2,000 mg/kg

LC50 Inhalation - Rat - > 0.39 mg/l - 4 h

LD50 Skin - Rabbit - 4,640 mg/kg

**Tetrasodium Pyrophosphate:**

LD50 Oral - Rat - 300- 2,000 mg/kg

LD50 Skin - Rat - 7,940 mg/kg

**Symptoms (including delayed and immediate effects):****Inhalation**

May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Ingestion**

Harmful if swallowed. Causes burns to nose, mouth, throat, and digestive tract. Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea, blood in the feces and/or vomitus may also be seen.

**Skin corrosion/irritation**

Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

**Serious eye damage/irritation**

Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

**Respiratory or skin sensitization**

No data available.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**

No data available.

**Summary of evaluation of the CMR properties**

No data available.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

No data available.

**SECTION 12: Ecological information****Toxicity**

No data available on product.

**Components:****Sodium sulfate:**

LC50 - *Gambusia affinis* (Mosquito fish) - 120 mg/l - 96 hr

LC50 - *Daphnia magna* (water flea) - 2,564 mg/l - 48 hr

LC50 - *Lepomis macrochirus* - 4,380 mg/l - 96 hr

**Sodium metasilicate:**

LC50 - *Danio rerio* (zebra fish) - 210 mg/l - 96 hr

**Tetrasodium Pyrophosphate:**

EC50 - *Daphnia magna* (water flea) - 391 mg/l - 48 h

LC50 - Other fish - 1,380 mg/l - 96 h

**Persistence and degradability**

No data available.

**Bioaccumulative potential**

No data available.

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available.

**SECTION 13: Disposal considerations****Disposal of the product**

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

**Disposal of contaminated packaging**

Dispose of as unused product.

**SECTION 14: Transport information****DOT (US)**

UN Number: UN1759

Class: 8

Packing Group: III

Proper Shipping Name: Corrosive solids, n.o.s. (Sodium carbonate,Disodium trioxosilicate)

**SECTION 15: Regulatory information****Safety, health and environmental regulations specific for the product in question****SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Acute Health Hazard

**Massachusetts Right To Know Components**

Sodium carbonate

CAS number: 497-19-8

Pentasodium Triphosphate

CAS number: 7758-29-4

Sodium Metasilicate

CAS Number: 6834-92-0



**Pennsylvania Right To Know Components**

Sodium carbonate  
CAS number: 497-19-8

Pentasodium Triphosphate  
CAS number: 7758-29-4

Sodium Metasilicate  
CAS Number: 6834-92-0

Tetrasodium Pyrophosphate  
CAS number: 7722-88-5

**New Jersey Right To Know Components**

Sodium carbonate  
CAS number: 497-19-8

Pentasodium Triphosphate  
CAS number: 7758-29-4

Sodium Metasilicate  
CAS Number: 6834-92-0

Tetrasodium Pyrophosphate  
CAS number: 7722-88-5

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**California Cleaning Product Right to Know Act of 2017 (SB 258)**

<b>Component name</b>	<b>CAS number</b>	<b>Function</b>
Sodium carbonate	497-19-8	Builder
Pentasodium Triphosphate	7758-29-4	Builder/ Water softener
Sodium Metasilicate	6834-92-0	Builder
Sodium C10-16 Alkylbenzenesulfonate	68081-81-2	Surfactant
Sodium carboxymethyl cellulose	9004-32-4	Antiredeposition agent
Tetrasodium Pyrophosphate	7722-88-5	Builder/ Water softener

**SECTION 16: Other information**

**Further information/disclaimer**

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall California Prison Industry Authority be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if California Prison Industry Authority has been advised of the possibility of such damages.