

**Safety Data Sheet: Cotton Wash****SECTION 1: Identification****Product identifier**

Product name Cotton Wash

Product number 153100.000

**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: (US) 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

Harmful if swallowed

H314

Causes severe skin burns and eye damage

H335

May cause respiratory irritation

## Safety Data Sheet

## Cotton Wash

### Precautionary statement(s)

P260  
P264  
P270  
P271  
P280  
P301+P330+P331  
P303+P361+P353  
  
P304+P340  
P305+P351+P338  
  
P310  
P363  
P403+P233  
P405  
P501

Do not breathe dust.  
Wash hands thoroughly after handling.  
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 victim 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.  
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

### Hazardous components

#### 1. Sodium carbonate

Concentration 40 - 70 % (weight)  
CAS no. 497-19-8

#### 2. Sodium metasilicate

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

#### 3. Sodium C10-16 Alkylbenzenesulfonate

Concentration 7 - 13 % (weight)  
CAS no. 68081-81-2

#### 4. Sodium carboxymethyl cellulose

Concentration 1 - 3 % (weight)  
CAS no. 9004-32-4

### 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.

## Safety Data Sheet

### Cotton Wash

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. Call a poison Center or doctor if irritation develops or persists. Wash contaminated clothing before reuse.

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

In case of eye contact

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

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) and/or in section 11

## SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Specific hazards arising from the chemical

Sodium oxide. Silicon oxides. Sulphur oxides. Carbon oxides.

#### Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### 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. Do not breathe dust. Avoid breathing vapors, mist or gas. 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**

Soak up with inert absorbent material and dispose of in accordance with local and national regulations. Keep in suitable, closed 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**

Keep container tightly closed. Store between the following temperatures: 40 and 120 Fahrenheit and out of direct sunlight and away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of reach of children.

**Specific end use(s)**

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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

Tightly fitting safety goggles. Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment. Ensure that eyewash stations and/or safety showers are close to the workstation location if working with concentrated product.

**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.

**Environmental exposure controls**

Do not let concentrated product enter drains.

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties**

Appearance/form (physical state, color, etc.)	White powder.
Odor	No data available.
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	No data available.
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**

No data available.

**Conditions to avoid**

Incompatible products.

**Incompatible materials**

Strong acids, Lead, Tin/tin oxides, Zinc, Aluminium, Strong acids, Aluminum, Magnesium

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

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

Product:

ATE (oral): 3846 mg/kg

ATE (dermal) of mixture: Could not calculate

ATE (inhalation, gaseous) of mixture: Could not calculate

# Safety Data Sheet

# Cotton Wash

## Component Toxicity:

### Sodium carbonate:

LD50 Oral - Rat - 4,090 mg/kg

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

LD50 Skin - Rabbit - >2000 mg/kg

### Sodium carboxymethyl cellulose:

LD50 Oral - Rat - 27,000 mg/kg

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

### Sodium metasilicate:

LD50 Oral - Rat - 1280 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 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

## Safety Data Sheet

## Cotton Wash

No data available.

### Aspiration hazard

No data available.

## SECTION 12: Ecological information

### Toxicity

No data available on product.

### Components:

#### Sodium carbonate:

LC50 - Lepomis macrochirus (bluegill) - 300 mg/l - 96 h

EC0 - Daphnia magna (water flea) - 265 mg/l - 48 h

#### Sodium carboxymethyl cellulose:

LC50 - Oncorhynchus mykiss (rainbow trout) - 100 - 1,000 mg/l - 96 h

LC50 - Daphnia magna (water flea) - 87.26 mg/l - 48 h

#### Sodium metasilicate:

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

### 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: II

Proper Shipping Name: CORROSIVE SOLIDS, N.O.S. (Sodium metasilicate)

<b>SECTION 15: Regulatory information</b>
---

**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

**Pennsylvania Right To Know Components**

Sodium carboxymethyl cellulose

CAS-No. 9004-32-4

Sodium metasilicate

CAS-No. 6834-92-0

Sodium carbonate

CAS-No.: 497-19-8

Sodium C10-16 Alkylbenzenesulfonate

CAS No. 9004-32-4

**New Jersey Right To Know Components**

Sodium carboxymethyl cellulose

CAS-No. 9004-32-4

Sodium metasilicate

CAS-No. 6834-92-0

Sodium carbonate

CAS-No.: 497-19-8

Sodium C10-16 Alkylbenzenesulfonate

CAS No. 9004-32-4

**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)**

Chemical Name	CAS Number	Function
Sodium carbonate	497-19-8	Builder
Sodium Metasilicate	6834-92-0	Builder
Sodium C10-16 Alkylbenzenesulfonate	68081-81-2	Surfactant
Sodium carboxymethyl cellulose	9004-32-4	Antiredeposition agent



**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.