# SECTION 1: Identification

**Product identifier**

<table>
<thead>
<tr>
<th>Product name</th>
<th>Just Clean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product number</td>
<td>174100.0000</td>
</tr>
</tbody>
</table>

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

| General purpose cleaner |

**Supplier's details**

<table>
<thead>
<tr>
<th>Name</th>
<th>California Prison Industry Authority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>CSP-Los Angeles County</td>
</tr>
<tr>
<td></td>
<td>44750 60th Street West</td>
</tr>
<tr>
<td></td>
<td>Lancaster CA 93536</td>
</tr>
<tr>
<td>Telephone</td>
<td>(661) 729-2000 Ext. #7930</td>
</tr>
</tbody>
</table>

**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
- Skin corrosion/irritation, Cat. 1B
- Eye damage/irritation, Cat. 1
- Sensitization, skin, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 3

**GHS label elements, including precautionary statements**

**Pictogram**

![Pictogram]

**Signal word**

| Danger |

**Hazard statement(s)**

<table>
<thead>
<tr>
<th>H302</th>
<th>Harmful if swallowed</th>
</tr>
</thead>
<tbody>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
</tbody>
</table>
Precautionary statement(s)
P260  Do not breathe dust.
P264  Wash hands thoroughly after handling.
P270  Do not eat, drink or smoke when using this product.
P271  Use only outdoors or in a well-ventilated area.
P272  Contaminated work clothing must not be allowed out of the workplace.
P280  Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331  IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352  IF ON SKIN: Wash with plenty of water.
P303+P361+P353  IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340  IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310  Immediately call a poison center or doctor.
P330  Rinse mouth.
P333+P331  If skin irritation or rash occurs: Get medical advice/attention.
P362+P364  Take off contaminated clothing and wash it before reuse.
P363  Wash contaminated clothing before reuse.
P403+P233  Store in a well-ventilated place. Keep container tightly closed.
P405  Store locked up.
P501  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 metasilicate
   Concentration  30 – 60 % (weight)
   CAS no.  6834-92-0

2. Sodium carbonate
   Concentration  15 – 40 % (weight)
   CAS no.  497-19-8

3. Sodium phosphate dodecahydrate
   Concentration  10 – 30 % (weight)
   CAS no.  10101-89-0

4. Sodium dodecylbenzene sulfonate
   Concentration  1 – 5 % (weight)
   CAS no.  68081-81-2

5. Pine oil
   Concentration  < 1 % (weight)
   CAS no.  8002-09-3

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**
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. Call a poison center or doctor if irritation or a rash develops or persists. Wash contaminated clothing before reuse.

Acute and delayed symptoms and effects: Causes severe skin burns and may cause allergic skin reaction. 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 30 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

**Indication of immediate medical attention and special treatment needed, if necessary**
No data available.

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**
Carbon oxides, Sodium oxides, Silicon oxides, Sulfur oxides, Phosphorous 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. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Environmental precautions
Keep out of drains, sewers, ditches, and waterways.

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 hands 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

Specific end use(s)
Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: 10101-89-0
Sodium phosphate dodecahydrate
ACGIH: 10 mg/m³ TLV® inhalation; OSHA: 15 mg/m³ PEL-TWA inhalation; WEEL: 5 mg/m³ STEL inhalation

CAS: 8002-09-3 (EC: 304-455-9)
Pine oil
ACGIH: 20 ppm TLV® inhalation; OSHA: 100 ppm PEL-TWA inhalation; 560 mg/m³ PEL-TWA 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
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. Eyewash stations and/or safety showers may be required when working with the 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 appropriate 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
Keep out of drains, sewers, ditches, and waterways.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/form (physical state, color, etc.)</td>
<td>White powder.</td>
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<tr>
<td>Odor</td>
<td>Odorless</td>
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<tr>
<td>Odor threshold</td>
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<tr>
<td>pH</td>
<td>No data available.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
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<td>Initial boiling point and boiling range</td>
<td>No data available.</td>
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<tr>
<td>Flash point</td>
<td>No data available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available.</td>
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<td>Flammability (solid, gas)</td>
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</tr>
<tr>
<td>Upper/lower flammability limits</td>
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<tr>
<td>Upper/lower explosive limits</td>
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<td>Vapor pressure</td>
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<td>Vapor density</td>
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<td>Relative density</td>
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<td>Solubility(ies)</td>
<td>Insoluble in water.</td>
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<td>Auto-ignition temperature</td>
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<td>Decomposition temperature</td>
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<tr>
<td>Viscosity</td>
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<td>Explosive properties</td>
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<tr>
<td>Oxidizing properties</td>
<td>No data available.</td>
</tr>
</tbody>
</table>
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
Sodium metasilicate can release hydrogen gas in contact with the incompatibles, causing a risk for explosion. Exothermic reaction with acids. Sodium carbonate reacts with acids with release of large volumes of carbon dioxide gas and heat.

Hazardous decomposition products
No data available.

SECTION 11: Toxicological information

Information on toxicological effects

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

ATE (oral): ATE (oral) of mixture: 1161.29 mg/kg
ATE (dermal): could not calculate
ATE (inhalation, gaseous): could not calculate

Component Toxicity:

Pine oil
LD50 Oral - Rat - 5760 mg/kg

Sodium carbonate
LD50 Oral - Rat - 2,800 mg/kg
LC50 Inhalation - Rat - 5,750 mg/l - 2 h
LD50 Skin - Rabbit - >2000 mg/kg

Sodium dodecylbenzene sulfonate
LD50 Oral - Rat - 1090 mg/kg

Sodium metasilicate
LD50 Oral - Rat - 1280 mg/kg

Sodium phosphate dodecahydrate
LD50 Oral - Rat - > 2,000 mg/kg

Symptoms (including delayed and immediate effects):
Inhalation
May cause respiratory irritation. Signs/symptoms may include burning pain in the nose and throat, coughing, wheezing, shortness of breath and pulmonary edema.
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
May cause an allergic skin reaction

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.

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:

Pine oil
LC50 - Danio rerio (zebra fish) - 29 mg/l - 96 h
EC50 - Daphnia magna (water flea) - 6.4 mg/l - 48 h
EC50 - Pseudokirchneriella subcapitata (green algae) - 17.1 mg/l - 72 h

Sodium carbonate
LC50 - Lepomis macrochirus (bluegill) - 300 mg/l - 96 h
EC0 - Daphnia magna (water flea) - 265 mg/l - 48 h
Safety Data Sheet

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

Sodium phosphate dodecahydrate
LC0 - Leuciscus idus (golden orfe) - 2,400 mg/l - 48 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. (Disodium trioxosilicate, Sodium carbonate)

### 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, Chronic Health Hazard
Massachusetts Right To Know Components
Sodium phosphate dodecahydrate
CAS number: 10101-89-0

Pennsylvania Right To Know Components
Sodium metasilicate
CAS-No. 6834-92-0
Sodium carbonate
CAS-No.: 497-19-8
Sodium phosphate dodecahydrate
CAS No.: 10101-89-0

New Jersey Right To Know Components
Pine oil
CAS No.: 8002-09-3

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)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>Builder</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>Builder</td>
</tr>
<tr>
<td>Sodium Phosphate Dodecahydrate</td>
<td>10101-89-0</td>
<td>Cleaning Agent</td>
</tr>
<tr>
<td>Sodium Dodecylbenzene Sulfonate</td>
<td>68081-81-2</td>
<td>Surfactant</td>
</tr>
<tr>
<td>Pine oil</td>
<td>8002-09-3</td>
<td>Cleaning Agent</td>
</tr>
</tbody>
</table>

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.