

Safety Data Sheet: Just Clean

SECTION 1: Identification

Product identifier

Product name Just Clean
Product number 174100.0000

Recommended use of the chemical and restrictions on use

General purpose cleaner

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
- 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



Signal word

Danger

Hazard statement(s)

H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H335 May cause respiratory irritation

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+P313	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
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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	<p>If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.</p> <p>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.</p>
In case of skin contact	<p>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.</p> <p>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.</p>
In case of eye contact	<p>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.</p> <p>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.</p>
If swallowed	<p>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.</p> <p>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.</p>

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

Store in a well-ventilated place. Keep container tightly closed. Store 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**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
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Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	White powder.
Odor	Odorless
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.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	Insoluble 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

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

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

Safety Data Sheet

Just Clean

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)

Chemical Name	CAS Number	Function
Sodium Metasilicate	6834-92-0	Builder
Sodium Carbonate	497-19-8	Builder
Sodium Phosphate Dodecahydrate	10101-89-0	Cleaning Agent
Sodium Dodecylbenzene Sulfonate	68081-81-2	Surfactant
Pine oil	8002-09-3	Cleaning 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.