

Safety Data Sheet: KP Power Wash

SECTION 1: Identification

Product identifier

Product name KP Power Wash

Product number 163100.0000

Recommended use of the chemical and restrictions on use

Dish, Pot & Pan Manual Dishwashing Detergent.

Supplier's details

Name California Prison Industry Authority
Address CSP-Los Angeles County

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)

- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3

GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H315
H319
H335

Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
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.
P312	Call a POISON CENTER or doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to an approved waste disposal plant.

SECTION 3: Composition/information on ingredients
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Mixtures**Hazardous components****1. Pentasodium Triphosphate**

Concentration	30 – 60 % (weight)
CAS no.	7758-29-4

2. Sodium Sesquicarbonate

Concentration	30 – 60 % (weight)
CAS no.	533-96-0

3. Sodium C10-16 Alkylbenzenesulfonate

Concentration	5 – 10 % (weight)
CAS no.	68081-81-2

4. Cetareth-25

Concentration	1 – 5 % (weight)
CAS no.	68439-49-6

5. Tetrasodium Pyrophosphate

Concentration	< 5 % (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).
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If inhaled	<p>Remove person to fresh air and keep comfortable for breathing.</p> <p>Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.</p>
In case of skin contact	<p>Wash with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Take off contaminated clothing and wash it before reuse.</p> <p>Acute and delayed symptoms and effects: Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.</p>
In case of eye contact	<p>Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.</p> <p>Acute and delayed symptoms and effects: Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.</p>
If swallowed	<p>Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.</p> <p>Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.</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

Sulphur oxides. Sodium oxides. Carbon 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. Avoid breathing dust. 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. Avoid breathing 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 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**Control parameters****CAS: 533-96-0**

Sodium Sesquicarbonate

ACGIH: 10 mg/m³ (Inhalable); 3 mg/m³ (Respirable) TLV®; OSHA: 15 mg/m³ (Total dust); 5 mg/m³ (Respirable fraction) PEL-TWA

CAS: 68081-81-2

Sodium C10-16 Alkylbenzenesulfonate

ACGIH: 10 mg/m³ (Inhalable); 3 mg/m³ (Respirable) TLV®; OSHA: 15 mg/m³ (Total dust); 5 mg/m³ (Respirable fraction) PEL-TWA

CAS: 7758-29-4

Pentasodium Triphosphate

ACGIH: 10 mg/m³ (Inhalable); 3 mg/m³ (Respirable) TLV®; OSHA: 15 mg/m³ (Total dust); 5 mg/m³ (Respirable fraction) PEL-TWA

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**

Safety glasses. 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 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
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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)	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, Strong oxidizing agents

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.

Product:

ATE (oral): could not calculate

ATE (dermal): could not calculate

ATE (inhalation, gaseous): could not calculate

Component Toxicity:

Ceteareth-25:

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

Sodium C10-16 Alkylbenzenesulfonate:

LD50 Oral - Rat - 1090 mg/kg

Pentasodium Triphosphate:

LD50 Oral - Rat - 3,120 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

May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting, and diarrhea.

Skin corrosion/irritation

Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

Serious eye damage/irritation

Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy 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.

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:

Ceteareth-25:

LC50 - Leuciscus idus (golden orfe) - 1-10 mg/l - 96 h

Pentasodium triphosphate:

EC50 - Daphnia magna (water flea) - 277 mg/l - 48 h

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)**

Not dangerous goods

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

Pentasodium triphosphate
CAS number: 7758-29-4

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Pennsylvania Right To Know Components

Pentasodium triphosphate
CAS number: 7758-29-4

Sodium Sesquicarbonate
CAS-No. 6106-20-3

Tetrasodium Pyrophosphate
CAS number: 7722-88-5

New Jersey Right To Know Components

Sodium Sesquicarbonate
CAS-No. 6106-20-3

Tetrasodium Pyrophosphate
CAS-No: 7722-88-5

California Prop. 65 components



WARNING: This product can expose you to chemicals including 1,4-Dioxane and Ethylene oxide which are known to the State of California to cause cancer, and Ethylene oxide which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

Chemical Name	CAS Number	Function
Pentasodium Triphosphate	7758-29-4	Builder/ Water softener
Sodium Sesquicarbonate	533-96-0	pH balance
Sodium C10-16 Alkylbenzenesulfonate	68081-81-2	Surfactant
Ceteareth-25	68439-49-6	Surfactant
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.