

Safety Data Sheet: California Green Floor Finish

SECTION 1: Identification

Product identifier

Product name California Green Floor Finish

Product number 187400.1000

Supplier's details

Name California Prison Industry Authority
Address CSP-Los Angeles County
44750 60th Street West
Lancaster CA 93536

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)

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

1. Tributyoxyethyl Phosphate

Concentration 0.5 – 5 % (weight)

CAS no. 78-51-3

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>Wash with soap and water. Call a poison center or doctor if irritation develops or persists.</p> <p>Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.</p>
In case of eye contact	<p>Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.</p> <p>Acute and delayed symptoms and effects: May cause 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

Carbon oxides. Phosphorous oxides. Nitrogen oxides (NOx)

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 vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. 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 vapors, mist or gas. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. 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: 111-90-0**

Ethoxydiglycol

ACGIH (USA): 25 ppm WEEL inhalation

CAS: 7664-41-7

Ammonia

ACGIH (USA): 25 ppm, (ST) 35 ppm TLV® inhalation; Cal/OSHA: 25 ppm, (ST) 35 ppm PEL inhalation; NIOSH: 25 ppm, (ST) 35 ppm REL inhalation; OSHA: 50 ppm PEL inhalation; 35 mg/m³ PEL inhalation

CAS: 78-51-3

Tributoxyethyl Phosphate

ACGIH: 20 ppm TLV® inhalation; NIOSH: 120 mg/m³ PEL-TWA inhalation; OSHA: 25 ppm 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**

Safety glasses. 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 exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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.)	Opaque thin white liquid
Odor	Typical Acrylic Polymer
Odor threshold	No data available.
pH	7.3 – 8.4
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	1.013 – 1.035 (Water = 1)
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

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials

No data available.

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 (inhalation, gaseous) of mixture: 145370 ppmv

Component Toxicity:

Tributoxyethyl Phosphate

LD50 Oral - Rat - 3,000 mg/kg

LD50 Skin - Rabbit - 2,050 mg/kg

LC50 Inhalation - Rat - 6.4 mg/l

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

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

Serious eye damage/irritation

May cause 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.

Summary of evaluation of the CMR properties

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information**Toxicity**

No data available on product

Components:

Tributoxyethyl Phosphate

LC50 - Oncorhynchus mykiss (rainbow trout) - 24 mg/l - 96 h

EC50 - Daphnia magna (water flea) - 53 mg/l - 48 h

EC50 - Pseudokirchneriella subcapitata (green algae) - 61 mg/l - 72 h

5-chloro-2-methyl-3(2H)-isothiazolone

EC50 - Pseudokirchneriella subcapitata (green algae) - 0.11 - 0.16 mg/l - 72 h

LC50 - Oncorhynchus mykiss (rainbow trout) - 1.6 mg/l - 96 h

EC50 - Daphnia magna (water flea) - 4.7 mg/l - 48 h

Ammonia

LC50 - Daphnia magna (water flea) - 25.4 mg/l - 48 h

LC50 - Cyprinus carpio (Carp) - 0.44 mg/l - 96 h

Di(ethylene glycol) ethyl ether

LC50 - Pimephales promelas (fathead minnow) - 9,650 mg/l - 96 h

LC50 - Daphnia magna (water flea) - 3,340 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)**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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

The following components are subject to reporting levels established by SARA Title III, Section 302:

Chemical name: Ammonia

CAS number: 7664-41-7

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Ammonia

CAS number: 7664-41-7

Ethoxydiglycol

CAS-No. 111-90-0

SARA 311/312 Hazards

No SARA Hazard

Massachusetts Right To Know Components

Ammonia

CAS number: 7664-41-7

Pennsylvania Right To Know Components

Ammonia

CAS number: 7664-41-7

Ethoxydiglycol

CAS-No. 111-90-0

Tributoxyethyl Phosphate

CAS-No. 78-51-3

New Jersey Right To Know Components

Ammonia

CAS number: 7664-41-7

2-(2-Ethoxyethoxy)ethanol

CAS-No. 111-90-0

Tributoxyethyl Phosphate

CAS-No. 78-51-3

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.

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.