SECTION 1: Identification

Product identifier

Product name Cell Block 64
Product number 175200.1000

Recommended use of the chemical and restrictions on use
Disinfectant Deodorant Cleaner.

*Product AT USE DILUTION: 1:64

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: (US) OSHA (29 CFR 1910.1200)

Product AS SOLD
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 2

*Product AT USE DILUTION: 1:64
Eye damage/irritation, Cat. 2B

*As diluted by end user
**Safety Data Sheet**

**Cell Block 64**

GHS label elements, including precautionary statements

**Product AS SOLD**

**Pictogram**

![Pictogram](image)

**Signal word** Danger

**Hazard statement(s)**

H315 Causes skin irritation

H318 Causes serious eye damage

**Precautionary statement(s)**

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

P310 Immediately call a POISON CENTER/doctor.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

*Product AT USE DILUTION: 1:64*

**Pictogram**

**Signal Word**

**Hazard statement(s)**

H320 Causes eye irritation

**Precautionary statement(s)**

P264 Wash skin thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Other hazards which do not result in classification

No data available.

*As diluted by end user*
### SECTION 3: Composition/information on ingredients

**Product AS SOLD**

**Hazardous components**

1. Didecyldimethylammonium chloride  
   Concentration: 2 - 3 % (Weight)  
   CAS no.: 7173-51-5

2. Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides  
   Concentration: 1.5 – 2 % (Weight)  
   CAS no.: 68424-85-1

3. N,N-Dimethyloctylamine N-oxide  
   Concentration: 0.5 - 1 % (weight)  
   CAS no.: 2605-78-9

4. Ethanol  
   Concentration: 0.1 - 1 % (weight)  
   CAS no.: 64-17-5

### *Product AT USE DILUTION: 1:64*

**Hazardous components**

1. Didecyldimethylammonium chloride  
   Concentration: 0.03 – 0.05 % (Weight)  
   CAS no.: 7173-51-5

2. Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides  
   Concentration: 0.02 – 0.03 % (Weight)  
   CAS no.: 68424-85-1

3. N,N-Dimethyloctylamine-N-oxide  
   Concentration: 0.007 – 0.015 % (Weight)  
   CAS no.: 2605-78-9

4. Ethanol  
   Concentration: 0.0015 – 0.015 % (Weight)  
   CAS no.: 64-17-5

---

**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

Product AS SOLD

**General advice**
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**
Remove person to fresh air and keep comfortable for breathing.

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.

**In case of skin contact**
Wash with plenty of soap and 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.

Acute and delayed symptoms and effects: Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

**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**
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.

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

**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

---

**Product AT USE DILUTION: 1:64**

**General advice**
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**
Call a poison center or doctor if you feel unwell.

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.

**In case of skin contact**
Wash with plenty of water. Call a poison center or doctor if you feel unwell.
### In case of eye contact
Acute and delayed symptoms and effects: Causes eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
Rinse cautiously with plenty of water. If eye irritation persists get medical advice/attention.

### If swallowed
Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Rinse mouth. 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.

**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**

**Product AS SOLD and at USE DILUTION (1:64)**

**Suitable extinguishing media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific hazards arising from the chemical**
Heating or fire can release toxic gas, including carbon oxides and nitrogen 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**

**Product AS SOLD**

**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 concentrated product enter drains.
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.

*Product AT USE DILUTION: 1:64

SECTION 7: Handling and storage

Product AS SOLD

Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2. For Personal Protective Equipment see section 8.

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.

*Product AT USE DILUTION: 1:64

Precautions for safe handling
Avoid contact with skin and eyes. For Personal Protective Equipment see section 8.

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

Product AS SOLD

Control parameters

CAS: 64-17-5
Ethyl alcohol (Ethanol)
ACGIH (USA): (ST) 1000 ppm TLV® inhalation; Cal/OSHA: 1000 ppm PEL inhalation; NIOSH: 1000 ppm REL inhalation; OSHA: 1000 ppm PEL inhalation; 1900 mg/m3 PEL 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. Faceshield (8-inch minimum) if there is a splash hazard. 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 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.

*Product AT USE DILUTION: 1:64

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Eye protection is recommended if splash hazard. Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

*As diluted by end user
Safety Data Sheet

**Skin protection**
Protective gloves (rubber, chemical resistant) should be considered under certain circumstances (e.g., skin sensitivity).

**Body protection**
No special protective clothing is required.

**Respiratory protection**
Not required under normal use conditions.

### SECTION 9: Physical and chemical properties

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Product AS SOLD</th>
<th>*Product AT USE DILUTION: 1:64</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/form</td>
<td>Yellow liquid</td>
<td>Clear to yellow liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>pH</td>
<td>7.2 to 8.2</td>
<td>7.2 to 8.2</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 93.33 °C</td>
<td>No data available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Upper/lower flammability limits</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.001 (Water = 1)</td>
<td>No data available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Water soluble</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

### SECTION 10: Stability and reactivity

**Product AS SOLD and AT USE DILUTION: 1:64**

**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.

*As diluted by end user
Incompatible materials
Strong oxidizing agents. Reducing agents.

Hazardous decomposition products
No data available.

SECTION 11: Toxicological information

Information on toxicological effects
Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute toxicity

<table>
<thead>
<tr>
<th>Mode of Exposure</th>
<th>Product AS SOLD</th>
<th>*Product AT USE DILUTION: 1:64</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>&gt;2,000 mg/kg (rat), calculated</td>
<td>&gt;2,000 mg/kg (rat), calculated</td>
</tr>
<tr>
<td>Dermal</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No data available.</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

Component Toxicity:
Didecyldimethylammonium chloride:
LD50 Oral - Rat - 84 mg/kg

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:
LD50 Oral - Rat - 344 mg/kg
LD50 Skin - Rabbit - 3340 mg/kg

Ethanol:
LD50 Oral - Rat - 10,470 mg/kg
LD50 Skin - Rabbit - 15,800 mg/kg
LD50 Inhalation - Rat - 30,000 mg/l - 4 h

Product AS SOLD

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. 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 damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
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:
Causes eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Product AS SOLD

Respiratory or skin sensitization
No data available.

Germ cell mutagenicity
No data available.

Carcinogenicity
IARC: 1 - Group 1: Carcinogenic to humans (Ethanol)
ACGIH: A3 Confirmed animal carcinogen with unknown relevance to humans - Ethanol
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.

*As diluted by end user
SECTION 12: Ecological information

Product AS SOLD

Toxicity
Components:

Ethanol:
EC50 - Chlorella vulgaris (Fresh water algae) - 275 mg/l - 72 h
LC50 - Pimephales promelas (fathead minnow) - 14,200 mg/l - 96 h
LC50 - Ceriodaphnia dubia (water flea) - 5,012 mg/l - 48 h

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:
EC50 - Lemna gibba - 0.12 mg/l - 7 d
LC50 - Pimephales promelas (fathead minnow) - 0.28 mg/l - 96 h
EC50 - Daphnia magna (water flea) - 0.016 mg/l - 48 h
NOEC - Pimephales promelas (fathead minnow) - 0.03 mg/l - 34 d
NOEC - Daphnia magna (water flea) - 0.0042 mg/l - 21 d
ErC50 - Pseudokirchneriella subcapitata (green algae) - 0.049 mg/l - 72 h
ErC50 - Algae - 0.089 mg/l - 96 h
EC50 - Activated sludge - 7.75 mg/l - 3 h

Didecyldimethylammonium chloride:
LC50 - Brachydanio rerio (zebrafish) - 0.49 mg/l - 96 h
EC50 - Daphnia magna (water flea) - 0.094 mg/l - 48 h

Persistence and degradability
Components:

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:
OECD Confirmatory Test (OECD 303 A) - >90 %
Modified SCAS Test (OECD 302 A) - >99 % - 7 d
CO2 Evolution Test (OECD 301 B) - 95.5% - 28 d
Result: Concentration: 5mg/L; Result: Readily biodegradable.

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

Product AS SOLD

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.

*As diluted by end user
Disposal of contaminated packaging
Triple rinse containers.

SECTION 14: Transport information

DOT (US)
UN number: 3082
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Didecyldimethylammonium chloride, Alkyldimethylbenzyl ammonium chloride)
Transport hazard class: 9
Packing group: III
Labels: 9
Emergency Response Guidebook Number: 171
Environmental hazards: No

IMDG
UN number: 3082
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Didecyldimethylammonium chloride, Alkyldimethylbenzyl ammonium chloride)
Transport hazard class: 9
Packing group: III
Labels: 9
EmS Number 1: F-A
EmS Number 2: S-F
Environmental hazards: Marine pollutant: yes

IATA
UN number: 3082
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Didecyldimethylammonium chloride, Alkyldimethylbenzyl ammonium chloride)
Transport hazard class: 9
Packing group: III
Labels: 9MI
Environmental hazards: no

SECTION 15: Regulatory information

Product AS SOLD

Safety, health and environmental regulations specific for the product in question

EPA registration
This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

Signal word: DANGER!
Hazard statements: Harmful if inhaled. Corrosive. Causes irreversible eye damage.
EPA No.: 47371-131-10970

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
Chemical name: Ethanol
CAS number: 64-17-5

Pennsylvania Right To Know Components
Chemical name: Ethanol
CAS number: 64-17-5

New Jersey Right To Know Components
Chemical name: Ethanol
CAS number: 64-17-5

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.