1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product details:
Product Name: Povidone iodine swabstick(1’) Povidone iodine swabstick(3’)
Description on pouch (Povidone iodine Swabstick 1pcs and 3pcs)
Emergency contact number in the US to be answered 24/7: N/A

Application of the substance/the preparation: Cleaning and disinfection

Manufacturer/Supplier:
The Ocala Group, LLC
1981 Marcus Avenue, Suite 229, Lake Success, NY 11042

Further information obtainable from: The Ocala Group, LLC

Information in case of emergency:
Kamy Mansh
Email: kamy@theocalagroup.com

Buyer:
The Ocala Group
1981 Marcus Ave, Ste. 229 Lake Success, NY11042
Phone: 516 233 2750

2 HAZARDS IDENTIFICATION

Hazard description:
Normal handling should not constitute a hazard. The following information is provided for those circumstance where uncontrolled exposure may occur.

Principle routes of exposure:
Harmful by inhalation, skin contact, or ingestion. May cause eye irritation and mild skin irritation.

Target organs: respiratory system, gastrointestinal tract, skin, eyes, kidneys, thyroid.

Information concerning particular hazards for human and environment:
The product has to be labeled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.

Classification system:
The classification is according to the latest editions of the EU-lists and extended by company and literature data.
3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization
Description:
Mixture of substances listed below with non-hazardous additions
For the wording of the listed risk phrases refer to section 16
Povidone iodine power................................. 10%

4. FIRST AID MEASURES

After Inhalation: Supply fresh air, consult doctor in case of complaints.
After Skin contact: Remove contaminated clothing immediately. Wash with water and soap and rinse thoroughly.
After Eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:
Do not induce vomiting; Drink several glasses of milk or water; Call for medical help immediately.
If symptoms persist consult doctor.
Notes to physicians
No special first aid. Provide supportive measures.

5. FIRE-FIGHTING MEASURES

Flammable properties:
Non-flammable
Suitable Extinguishing Media: CO2, water spray, sand, extinguishing powder, or foam as appropriate for the surrounding material.

Fire fighting instructions
Evacuate personnel to a safe area. Move containers from area if it can be done without risk.
Wear fully protective unit.
Wear self-contained respiratory protective device.
Do not inhale explosion gases of combustion gases.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
Mount respiratory protective device.
Ensure adequate ventilation.

Measures for environmental protection:
Do not allow to enter sewers/surface or ground water. Dike area for later disposal.

Measures for cleaning/collecting:
Wear suitable protective clothing and equipment. Vacuum or mop up liquid and place in a container suitable for chemical waste; avoid generation of aerosols. Place collected material into a suitable container for disposal.
Thoroughly wash area with detergent and water. Dispose of all solid waste and wash and rinse water in accordance with state and local regulations.
7. HANDLING AND STORAGE

Handling

Information for safe handing:
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Keep receptacles rightly sealed.
Keep away from heat and direct sunlight.

Information about fire- and explosion protection:
Keep ignition sources away—Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.
Protect from heat.

Further information about storage conditions:
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

Storage:

Requirement to be met by storerooms and receptacles: store in a cool location.

Information about storage in one common storage facility:
Store away from foodstuffs.
Store away from oxidizing agents.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities: No further data: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th></th>
<th>For iodine</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL (Great Britain)</td>
<td>N/A</td>
</tr>
<tr>
<td>PEL (USA)</td>
<td>0.1 ppm</td>
</tr>
<tr>
<td>REL (USA)</td>
<td>N/A</td>
</tr>
<tr>
<td>TLV (USA)</td>
<td>0.1 ppm</td>
</tr>
</tbody>
</table>

77–92–9 Citric acid anhydrous

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<table>
<thead>
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</thead>
<tbody>
<tr>
<td>WEL</td>
<td>LT: 4 mg/m³ ST: 10 mg/m³</td>
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</tbody>
</table>

DNELs: Not available.
PNECs: Not available.
NIOSH IDLH: Immediately dangerous to life or health.
Trade name: Povidone iodine Swabstick

Additional information: the lists valid during the making were used as basis.

Engineering controls: General ventilation normally adequate.

Personal protective equipment

General protective and hygienic measures: Wash hands before breaks and at the end of work.

Respiratory protection: suitable respiratory protective device recommended.

Protection of hands:
The glove material has to be impermeable and resistant to the product the substance/the preparation.
Due to missing tests no recommendation to the glove material can be given for the product the preparation the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacture to manufacture. As the product is a preparation of several substances. The resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:
The exact break trough time has to be found out by the manufacture of the protective gloves and has to be observed.

Eye protection:
Tightly sealed goggles.
### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>General Information</th>
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<tbody>
<tr>
<td><strong>Form:</strong></td>
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<tr>
<td><strong>Color:</strong></td>
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<tr>
<td><strong>Odour:</strong></td>
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<tr>
<td><strong>Change in condition:</strong></td>
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<tr>
<td><strong>Melting point/Melting range:</strong></td>
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<tr>
<td><strong>Boiling point/Boiling range:</strong></td>
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<tr>
<td><strong>Flash point:</strong></td>
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<tr>
<td><strong>Flammability (solid, gaseous):</strong></td>
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<tr>
<td><strong>Ignition temperature:</strong></td>
</tr>
<tr>
<td><strong>Self-igniting:</strong></td>
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<tr>
<td><strong>Danger of explosion:</strong></td>
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<tr>
<td><strong>Explosion limits:</strong></td>
</tr>
<tr>
<td><strong>Lower:</strong></td>
</tr>
<tr>
<td><strong>Upper:</strong></td>
</tr>
<tr>
<td><strong>Oxidizing properties:</strong></td>
</tr>
<tr>
<td><strong>Vapour pressure:</strong></td>
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<tr>
<td><strong>Density:</strong></td>
</tr>
<tr>
<td><strong>Relative density(H₂O = 1):</strong></td>
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<tr>
<td><strong>Vapour density:</strong></td>
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<tr>
<td><strong>Evaporation rate:</strong></td>
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<tr>
<td><strong>Solubility in/Miscibility with:</strong></td>
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<tr>
<td><strong>pH-value:</strong></td>
</tr>
<tr>
<td><strong>Segregation coefficient(n-octanol/water):</strong></td>
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<tr>
<td><strong>Viscosity:</strong></td>
</tr>
<tr>
<td><strong>Dynamic:</strong></td>
</tr>
</tbody>
</table>

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### 10. STABILITY AND REACTIVITY

**Thermal decomposition /conditions to be avoided:**
No decomposition if used according to specifications. Not to mix with other materials.

**Material to be avoided:** caustics, strong alkalis, oxidizers and reducing agents.

**Dangerous reactions:** hazardous polymerization does not occur.

**Dangerous decomposition products:** May include and are not limited to: Oxides of carbon, iodine.
11. ECOLOGICAL INFORMATION

Information about elimination (persistence and degradability): Expected to be biodegradable.

Mobility and bioaccumulation potential: Not available.

Ecotoxicity:
Aquatic toxicity: Not available

General notes:
Water hazard class I (German Regulation) (self-assessment) slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water. Water course or sewage system.

PBT assessments: Not available

12. DISPOSAL CONSIDERATIONS

Waste codes: Not available

Recommendation: Discard after single use.
Disposal must be made according to official regulations. Must not be disposed together with household garbage.
Do not allow product to reach sewage system.
Uncleaned packing: Not available

13. TOXICOLOGICAL INFORMATION

Symptoms/Effects of Overexposure:
Inhalation: Inhalation may cause respiratory tract irritation.

Skin contact: In case of skin irritation, discontinue use of the product.
Topical application of povidone iodine elevates serum concentrations of iodine.

Eye contact: Contact with eyes cause irritation.

Ingestion: May cause mucous membrane and gastrointestinal irritation and other adverse effects. May cause nausea, vomiting, diarrhea, dizziness, drowsiness and other symptoms of central nervous system depression.

Chronic toxicity: Chronic ingestion of iodines may produce ‘iodism’ which is characterized by skin rash, nasal discharge, sneezing, fever, headaches, weakness, anemia and loss of weight.

Medical Conditions Aggravated by Exposure: None currently known. May possibly aggravate dermatitis, psoriasis and other skin conditions.

Carcinogenicity Data: None of the components of this product is listed as a carcinogen by NTP, IARC, US OSHA or the European Directive (67/48/EEC).

Reproductive Toxicity: Non-hazardous WHMIS/OSHA criteria.

Acute Toxicity Values:
Povidone iodine
Oral LD50: rat: 8g/kg; Oral LD50: mouse: 8g/kg; intravenous LD50: rat: 640mg/kg; intravenous LD50: rat: 480mg/kg

Teratogenicity: Non-hazardous WHMIS/OSHA criteria.
14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)
Nor regulated as dangerous goods.
Transportation of Dangerous Goods (TDG – Canada)
Nor regulated as dangerous goods.

15. REGULATORY INFORMATION

US Federal regulations
This product is a “hazardous chemical” as defined by the OSHA hazard Communication Standard, 29 CFR 1910.1200 due to the presence of listed sensitizers.
All components are on the U.S. EPA TSCA Inventory List.
Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical: Yes
CERCLA (Superfund) reportable quantity
Sodium hydroxide: 1000.0000

Supplemental Amendments and Reauthorization Act of 1986 (SARA)
<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard – Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Delayed hazard – Yes</td>
</tr>
<tr>
<td></td>
<td>Fire hazard – No</td>
</tr>
<tr>
<td></td>
<td>Pressure hazard – No</td>
</tr>
<tr>
<td></td>
<td>Reactivity hazard – No</td>
</tr>
</tbody>
</table>

Section 302 extremely hazardous substance: No
Section 311 hazardous chemical: Yes
Clean Air Act (CAA): Not available
Clean Water Act (CWA): Not available
Safe Drinking Water Act (SDWA): Not available
Drug Enforcement Agency (DEA): Not available
Food and Drug Administration (FDA): Not available
WHMIS classification Exempt – Registered product – (NHP see above)
State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Inventory name
Toxic Substances Control Act (TSCA) Inventory: Yes (United States & Puerto Rico)
Safety phrases:
2 Keep out of the reach of children
7/9 Keep container tightly closed and in a well ventilated place.
29/56 Do not empty into drains. Dispose of this material and its container at hazardous or special waste collection point.
46 If swallowed, seek medical advice immediately and show this container or label. National regulations:
Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
### 16. OTHER INFORMATION

**Recommended use**  
For external use only.


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