Section 1. Identification

**GHS product identifier**: Jungle Jake® Glass and Surface Cleaner

**Other means of identification**: ST-0022

**Product type**: Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

**Product use**: Cleaner for windows, mirrors, and stainless steel surfaces.

**Area of application**: Domestic and residential applications.

**Product dilution information**: Ready to use

**Supplier/Manufacturer**: STEARNS PACKAGING CORPORATION

4200 Sycamore Avenue (53714)
PO Box 3216
Madison, WI 53704-0216
Telephone no.: 800-655-5008
Fax no.: 608-246-5149
Website: www.stearnspkg.com

**e-mail address of person responsible for this SDS**: stearns@stearnspkg.com

**Emergency telephone number (with hours of operation)**: CHEM-TEL: 800-255-3924

Section 2. Hazards identification

**Physical hazards**: Not classified.

**Health hazards**: EYE IRRITATION - Category 2B

**Environmental hazards**: Not classified.

**OSHA defined hazards**: Not classified.

**Label elements**

**Hazard symbol**: None

**Signal word**: Warning

**Hazard statements**: Causes eye irritation.

**Precautionary statements**

**General**: Keep out of the reach of children.

**Prevention**: Wash hands thoroughly after handling.

**Response**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage**: No storage precautions necessary.

**Disposal**: Not applicable.

**Product as SOLD**

**Product AT USE DILUTION**

Not classified.

Not classified.

Not classified.

None

The mixture does not meet the criteria for classification.

Keep out of the reach of children.

Observe good industrial hygiene practices.

No storage precautions necessary.

Dispose of solution down the drain to municipal sewer.
Section 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>ST-0022</td>
</tr>
</tbody>
</table>

CAS number/other identifiers:

<table>
<thead>
<tr>
<th>CAS number</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Ingredient name | Other names | % | CAS number |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Videt EGM</td>
<td>Not available.</td>
<td>1</td>
<td>-</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Section 4. First aid measures

**Inhalation**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Skin contact**

If irritation occurs, flush exposed area with water. Get medical attention if irritation develops and persists.

**Eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Ingestion**

Rinse mouth. DO NOT INDUCE VOMITING. If ingestion of a large amount does occur, call a poison control center immediately.

**Most important symptoms/effects, acute and delayed**

Direct contact with eyes may cause temporary irritation.

**Indication of immediate medical attention and special treatment needed**

Get medical attention if symptoms occur.

**General information**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5. Fire-fighting measures
Suitable extinguishing media: Treat for surrounding material.
Unsuitable extinguishing media: Not available.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions: Move containers from fire area if you can do so without risk.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards: No unusual fire or explosion hazards noted.

Section 6. Accidental release measures

<table>
<thead>
<tr>
<th>Personal precautions, protective equipment and emergency procedures</th>
<th>Product as SOLD</th>
<th>Product AT USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keep out of low areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Methods and materials for containment and cleaning up</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>This product is miscible in water. Stop the flow of material, if this is without risk.</td>
<td></td>
</tr>
<tr>
<td>Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, basements or confined areas. Following product recovery, flush area with water.</td>
<td></td>
</tr>
<tr>
<td>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly.</td>
<td></td>
</tr>
<tr>
<td>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental precautions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Avoid discharge into storm water drains, water courses or onto the ground.</td>
<td></td>
</tr>
<tr>
<td>Large Spills: Flush area with water. Prevent entry into waterways.</td>
<td></td>
</tr>
<tr>
<td>Small Spills: Wipe up with absorbent material.</td>
<td></td>
</tr>
<tr>
<td>Discharge collected material per Section 13 of the SDS.</td>
<td></td>
</tr>
<tr>
<td>Avoid discharge into storm water drains, water courses, or onto the ground.</td>
<td></td>
</tr>
</tbody>
</table>

Section 7. Handling and storage

<table>
<thead>
<tr>
<th>Precautions for safe handling</th>
<th>Product as SOLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use care in handling/storage.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conditions for safe storage, including any incompatibilities</th>
<th>Product as SOLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keep out of reach of children. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Precautions for safe handling</th>
<th>Product AT USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>None required.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conditions for safe storage, including any incompatibilities</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Keep out of reach of children.</td>
<td></td>
</tr>
</tbody>
</table>

Section 8. Exposure controls/personal protection
**Section 9. Physical and chemical properties**

### Product as SOLD

- **Appearance**: Clear
- **Physical state**: Liquid.
- **Form**: Liquid.
- **Color**: Dark green.
- **Odor**: Citrus fragrance
- **Odor threshold**: Not available.
- **pH**: 9.5-10.5
- **Melting point**: Not available.
- **Initial boiling point and boiling range**: 212 °F (100 °C)
- **Pour point**: Not available.

### Product AT USE DILUTION

- **Appearance**: Clear
- **Physical state**: Liquid.
- **Form**: Liquid.
- **Color**: Green.
- **Odor**: Citrus fragrance
- **Odor threshold**: Not available.
- **pH**: 9.5 - 10.5
- **Melting point**: Not available.
- **Initial boiling point and boiling range**: 212 °F (100 °C)
- **Pour point**: Not available.
### Specific gravity
- Not available.

### Flash point
- Closed cup: >93.333°C (>200°F)
  - [Pensky-Martens.]

### Evaporation rate
- Not available.

### Flammability (solid, gas)
- Not applicable.

### Lower and upper explosive (flammable) limits
- Not available.

### Vapor pressure
- <0.013 kPa (<0.1 mm Hg)

### Vapor density
- Not available.

### Relative density
- 1.003

### Solubility
- Complete

### Auto-ignition temperature
- Not available.

### Decomposition temperature
- Not available.

### Viscosity
- <100 mPa·s (<100 cP)

### Other information
- Bulk density: 8.37 lbs/gallon

## Section 10. Stability and reactivity

**Product as SOLD**

**Reactivity**: None known.

**Possibility of hazardous reactions**: No dangerous reaction known under conditions of normal use.

**Chemical stability**: Material is stable under normal conditions.

**Conditions to avoid**: Do not mix with other chemicals. Keep from freezing.

**Incompatible materials**: Strong oxidizing agents.

**Hazardous decomposition products**: No hazardous decomposition products are known.

## Section 11. Toxicological information

### Information on the likely routes of exposure

**Product as SOLD**

- **Ingestion**: Expected to be a low ingestion hazard.

- **Inhalation**: No adverse effects due to inhalation are expected.

- **Skin contact**: No adverse effects due to skin contact are expected.

- **Eye contact**: Direct contact with eyes may cause temporary irritation.

**Product AT USE DILUTION**

- **Ingestion**: Expected to be a low ingestion hazard.

- **Inhalation**: No adverse effects due to inhalation are expected.

- **Skin contact**: No adverse effects due to skin contact are expected.

- **Eye contact**: Direct contact with eyes may cause temporary irritation.

### Acute toxicity
- Calculated Oral LD50: 29,411 mg/kg

### Skin corrosion/irritation
- Prolonged skin contact may cause temporary irritation.

### Exposure minutes
- Not available.

### Erythema value
- Not available.

### Oedema value
- Not available.

### Section 11. Toxicological information

**Product as SOLD**

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of issue/Date of revision</td>
<td>10/12/2017</td>
</tr>
<tr>
<td>Date of previous issue</td>
<td>09/23/2014</td>
</tr>
<tr>
<td>Version</td>
<td>1</td>
</tr>
</tbody>
</table>

**Product AT USE DILUTION**

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of issue/Date of revision</td>
<td>10/12/2017</td>
</tr>
<tr>
<td>Date of previous issue</td>
<td>09/23/2014</td>
</tr>
<tr>
<td>Version</td>
<td>1</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>: Direct contact with eyes may cause temporary irritation.</td>
</tr>
<tr>
<td>Corneal opacity value</td>
<td>: Not available.</td>
</tr>
<tr>
<td>Iris lesion value</td>
<td>: Not available.</td>
</tr>
<tr>
<td>Conjunctival reddening value</td>
<td>: Not available.</td>
</tr>
<tr>
<td>Conjunctival oedema value</td>
<td>: Not available.</td>
</tr>
<tr>
<td>Recover days</td>
<td>: Not available.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>: Direct contact with eyes may cause temporary irritation.</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>: Not available.</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>: This product is not expected to cause skin sensitization.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>: This product is not expected to cause reproductive or developmental effects.</td>
</tr>
<tr>
<td>Specific target organ toxicity - single exposure</td>
<td>: Not classified.</td>
</tr>
<tr>
<td>Specific target organ toxicity - repeated exposure</td>
<td>: Not classified.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>: Not available.</td>
</tr>
<tr>
<td>Chronic effects</td>
<td>: Not available.</td>
</tr>
<tr>
<td>Further information</td>
<td>: This product has no known adverse effect on human health.</td>
</tr>
</tbody>
</table>

**Section 12. Ecological information**

**Ecotoxicity**
: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability**
: No data is available on the degradability of this product.

**Bioaccumulative potential**
: No data available.

**Mobility in soil**
: No data available.

**Mobility in general**
: Not available.

**Other adverse effects**
: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**Section 13. Disposal considerations**

<table>
<thead>
<tr>
<th>Product as SOLD</th>
<th>Product AT USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of issue/Date of revision</td>
<td>10/12/2017</td>
</tr>
</tbody>
</table>
Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14. Transport information

<table>
<thead>
<tr>
<th>Product as SOLD</th>
<th>DOT Classification</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Cleaning Compounds, NOI, liquid</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Packing group</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
<tr>
<td>Additional information</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Product AT USE DILUTION
Not intended for transport

Section 15. Regulatory information

U.S. Federal regulations

<table>
<thead>
<tr>
<th>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</th>
<th>Product as SOLD</th>
<th>Product AT USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>: Not regulated.</td>
<td>: Not regulated.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CERCLA Hazardous Substance List (40 CFR 302.4)</th>
<th>: Not listed.</th>
</tr>
</thead>
</table>

|---------------------------------------------------------------------|----------------|

Section 15. Regulatory information

Superfund Amendments and Reauthorization Act of 1986 (SARA)
**Product as SOLD**

- **Hazard categories**:
  - Immediate Hazard - No
  - Delayed Hazard - No
  - Fire Hazard – No
  - Pressure Hazard - No
  - Reactivity Hazard - No

- **SARA 302 Extremely hazardous substance**:
  - No

- **SARA 311/312 Hazardous chemical**:
  - Immediate (acute) health hazard

- **SARA 313 (TRI reporting)**:
  - Not regulated.

**Other federal regulations**

- **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**:
  - Not regulated.

- **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**:
  - Not regulated.

- **Safe Drinking Water Act (SDWA)**:
  - Not regulated.

- **Food and Drug Administration (FDA)**:
  - Not regulated.

**US State regulations**

- **US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**:
  - Not listed.

- **US. Massachusetts RTK - Substance List**:
  - Not regulated.

- **US. Pennsylvania RTK - Hazardous Substances**:
  - Not regulated.

- **US. Rhode Island RTK**:
  - Not regulated.

---

**Product AT USE DILUTION**

- **Non-hazardous.**

- **Not listed.**

- **Not regulated.**

---

**Country(s) or region** | **Inventory name** | **On inventory (yes/no)***
--- | --- | ---
United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)
Section 16. Other information

SDS File Name : WL65 Jungle Jake Glass and SurfaceCleaner SDS
NSF Certified : 
Green Seal Certified : 

Disclaimer
Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Date of issue/Date of revision : 10/12/2017
Date of previous issue : No previous validation
Prepared by : Dell Tech Laboratories, Ltd. Phone: (519) 858-5021