## SECTION 1. PRODUCT IDENTIFICATION

<table>
<thead>
<tr>
<th>1.1 TRADE NAME (AS LABELED):</th>
<th>Green Meadow Concentrated Cleaner</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYNONYMS:</td>
<td>N/A</td>
</tr>
<tr>
<td>CAS#:</td>
<td>Mixture</td>
</tr>
</tbody>
</table>

### 1.2 PRODUCT USE:

- **CHEMICAL SHIPPING NAME/CLASS:** Non-Regulated Material
- **U.N. NUMBER:** N/A

### 1.3 NORTH AMERICA:

- **MANUFACTURER’S NAME:** Corcraft – New York State Department of Corrections and Community Supervision
- **ADDRESS:** Great Meadow Correctional Facility, Division of Industries
  - 550 Broadway
  - Albany, NY 12204
- **BUSINESS PHONE:** 518-436-6321 EXT 2620
- **WEB SITE INFORMATION:** [www.corcraft.org](http://www.corcraft.org)

### 1.4 EMERGENCY PHONE NUMBERS:

- **800-467-4922 (CHEMTREC)**

**THE CHEMTREC NUMBER IS TO BE CALLED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT INVOLVING CHEMICALS.**

**DATE OF CURRENT REVISION:** March 16, 2015

**DATE OF LAST REVISION:** December 4, 2014

## SECTION 2. HAZARD IDENTIFICATION

### EMERGENCY OVERVIEW:

This product is a green liquid with a sweet odor.

**Health Hazards:** May be harmful if swallowed, inhaled, or in contact with skin. May cause serious eye irritation. May cause skin irritation.

**Flammability Hazards:** This product is a non-flammable liquid.

**Reactivity Hazards:** None known.

**Environmental Hazards:** The Environmental effects of this product have not been investigated, however release may cause adverse environmental effects.

### GHS Hazard Symbol(s) US DOT SYMBOL(S)

<table>
<thead>
<tr>
<th>GHS Hazard Symbol(s)</th>
<th>US DOT SYMBOL(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Danger icon]</td>
<td>Non-Regulated Material</td>
</tr>
</tbody>
</table>

**Signal Word:** Warning!

### 2.1 GHS LABELING AND HAZARD CLASSIFICATION:

This product does meet the definition of a hazardous substance or preparation as defined by Health Canada and the OSHA (as described in 29 CFR 1910.1200(d))

**Component(s) Contributing to Classification(s):**

- 2-Butoxyethanol, Nonylphenol, ethoxylated, Tetrapotassium diphosphate

### 2.2 LABEL ELEMENTS

#### **GHS Hazard Classification(s):**

- Acute toxicity, Oral Category 4
- Acute toxicity, Dermal Category 4
- Acute toxicity, Inhalation Category 4
- Skin Irritation, Category 2
- Eye Irritation, Category 2A

#### **Precautionary Statement(s):**

- **Hazard Statement(s):**
  - H302 Harmful if swallowed
  - H332 Harmful if inhaled
  - H312 Harmful in contact with skin
  - H315 Causes skin irritation
  - H319 Causes serious eye irritation

- **Precautionary Statement(s):**
  - P260 Do not breathe dusts or mists
  - P264 Wash thoroughly after handling
  - P270 Do not eat, drink or smoke when using this product
  - P271 Use only outdoors or in a well-ventilated area
  - P280 Use protective gloves/protective clothing/eye protection/face protection
Response Statement(s):
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
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.
P337+P313 If eye irritation persists: Get medical advice/attention.
P310 Immediately call a Poison Center or doctor if you feel unwell.

Disposal Statement(s):
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Storage Statement(s):
P403+P235 Store in a well-ventilated place. Keep cool.

2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:
SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

ACUTE:
INHALATION: May be harmful if inhaled. Mist or spray may cause a burning sensation, cough, shortness of breath, or sore throat. May affect behavior, cause headaches or vomiting.
CONTACT WITH SKIN: May be harmful in contact with the skin. May cause irritation.
EYE CONTACT: Contact with eyes may cause serious irritation including redness and tearing.
INGESTION: May be harmful if swallowed. May cause irritation or pain to the gastrointestinal tract. May affect behavior/central nervous system.

CHRONIC: Prolonged exposure to skin may cause dryness and cracking.

TARGET ORGANS: Acute: Skin, Eyes, Respiratory System
Chronic: Skin

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>COMPOSITION</th>
<th>WT. PERCENTAGE</th>
<th>CAS#</th>
<th>HAZARD CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>70 – 85%</td>
<td>7732-18-5</td>
<td>None</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>4 – 9%</td>
<td>111-76-2</td>
<td>[Xn] Harmful</td>
</tr>
<tr>
<td>Nonylphenol, ethoxylated</td>
<td>3 - 6%</td>
<td>9016-45-9</td>
<td>[Xi] Irritant</td>
</tr>
<tr>
<td>Tetrapotassium diphosphate</td>
<td>1 – 4%</td>
<td>7320-34-5</td>
<td>[Xi] Irritant</td>
</tr>
</tbody>
</table>

Balance of other ingredients are non-hazardous or less than 1% in concentration (< 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format.

4. FIRST-AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:
EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.
SKIN CONTACT: Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.
INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
INGESTION: If this product is swallowed, call physician or poison control center for treatment advice. Do not induce vomiting unless told to do so by a poison control center or physician. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. If transporting take a copy of the label and/or SDS with the victim to the health professional.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin problems may be aggravated by prolonged contact.
4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:
Contact with eyes may cause irritation with possible burns and tissue damage. Prolonged skin exposure may cause mild irritation or dryness. Prolonged or repeated inhalation, ingestion, or exposure to skin may cause hematuria (blood in the urine)

4.3 RECOMMENDATIONS TO PHYSICIANS:
Treat symptoms and eliminate overexposure.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 FIRE EXTINGUISHING MATERIALS:
Use fire extinguishing methods below:
Water Spray: Yes  Carbon Dioxide: Yes
Foam: Yes  Dry Chemical: Yes
Halon: Yes  Other: Any “C” Class

5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS:
None Known
Explosion Sensitivity to Mechanical Impact: No
Explosion Sensitivity to Static Discharge: No
FLASH POINT: No data available
AUTOIGNITION TEMPERATURE: Not determined
FLAMMABLE LIMITS (in air by volume, %): Lower NA Upper NA

5.3 SPECIAL FIRE-FIGHTING PROCEDURES:
Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
See Section 8.2 for Exposure Controls

6.2 ENVIRONMENTAL PRECAUTIONS:
Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils

6.3 SPILL AND LEAK RESPONSE:
Stop the flow of material, if this can be done safely. Contain discharged material. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Place in a proper container for disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces. (see Section 13, Disposal Considerations).
SECTION 7. HANDLING and STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:
As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Use good hygiene practices. When handling, do not eat, drink, or smoke.

7.2 STORAGE AND HANDLING PRACTICES:
Store in original container. Keep in a well-ventilated area in closed containers. Protect containers from physical damage.

7.3 SPECIFIC USES:
Cleaning agent.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 EXPOSURE PARAMETERS:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>ACGIH TLV</th>
<th>OSHA TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>20 ppm</td>
<td>50 ppm 240 mg/m³</td>
</tr>
<tr>
<td>Nonylphenol, ethoxylated</td>
<td>9016-45-9</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Tetrapotassium diphosphate</td>
<td>7320-34-5</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

8.2 EXPOSURE CONTROLS:
VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada.

RESPIRATORY PROTECTION: Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93.

EYE PROTECTION: Safety glasses or goggles are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Standards of Canada.

HAND PROTECTION: Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Use body protection appropriate to task being performed. If necessary, refer to appropriate Standards of Canada and U.S. OSHA 29 CFR 1910.138. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee’s feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:
APPEARANCE (Physical State) and COLOR: Green liquid
ODOR: Sweet smelling
ODOR THRESHOLD: Not Applicable
pH: 9.5
MELTING/FREEZING POINT: Not Available
BOILING POINT: Not Available
FLASH POINT: Not Available
EVAPORATION RATE (n-BuAc=1): Not Available
FLAMMABILITY (SOLID, GAS): Not Applicable
UPPER/LOWER FLAMMABILITY OR EXLOSION LIMITS: Not Available
VAPOR PRESSURE (mm Hg @ 20°C (68°F): Not Available
VAPOR DENSITY: Not Available
RELATIVE DENSITY: Not Available
SPECIFIC GRAVITY: 1.02
SAFETY DATA SHEET
Green Meadow Concentrated Cleaner

SOLUBILITY IN WATER: Soluble
WEIGHT PER GALLON: Not Available
PARTITION COEFFICIENT (n-octanol/water): Not Available
AUTO-IGNITION TEMPERATURE: Not Applicable
DECOMPOSITION TEMPERATURE: Not Available
VISCOSITY: Not Available

9.2 OTHER INFORMATION:
No additional information available

SECTION 10. STABILITY and REACTIVITY

10.1 REACTIVITY:
None known.

10.2 STABILITY:
Stable under conditions of normal storage and use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:
Will not occur.

10.4 CONDITIONS TO AVOID:
Contact with incompatible materials.

10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:
Strong acids.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:
No data available.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

TOXICITY DATA:

<table>
<thead>
<tr>
<th>Substance</th>
<th>LD50 Oral</th>
<th>LD50 Inhalation</th>
<th>LD50 Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>470 mg/kg</td>
<td>450 ppm (4 h)</td>
<td>200 mg/kg</td>
</tr>
<tr>
<td>Tetrapotassium dihydrogen phosphate</td>
<td>4,640 mg/kg</td>
<td></td>
<td>Rabbit</td>
</tr>
</tbody>
</table>

SUSPECTED CANCER AGENT: Ingredients within this product are not found on the following lists: FEDERAL OSHA LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

IRRITANCY OF PRODUCT: This product may cause serious irritation to the eyes and may irritate the skin.

SENSITIZATION TO THE PRODUCT: This product is not believed to be a skin sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No data available.

SECTION 12. ECOLOGICAL INFORMATION

12.1 TOXICITY:
No data available.

12.2 PERSISTENCE AND DEGRADABILITY:
No specific data available on this product.

12.3 BIOACCUMULATIVE POTENTIAL:
No specific data available on this product.

12.4 MOBILITY IN SOIL:
No specific data available on this product.

12.5 OTHER ADVERSE EFFECTS:
Though this product is not expected to be harmful to plants, animals or aquatic life all work practices must be aimed at preventing environmental contamination.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS:
Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, and those of Canada.
SECTION 14. TRANSPORTATION INFORMATION

US DOT:
U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

14.1 UN IDENTIFICATION NUMBER: Non-Regulated Material
14.2 PROPER SHIPPING NAME: None
14.3 HAZARD CLASS NUMBER and DESCRIPTION: None
14.4 PACKING GROUP: None
DOT LABEL(S) REQUIRED: None
NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: None

14.5 ENVIRONMENTAL HAZARDS: (RQ QUANTITY):
MARINE POLLUTANT: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

14.6 SPECIAL PRECAUTION FOR USER: None

SECTION 15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE:
UNITED STATES REGULATIONS:
U.S. SARA REPORTING REQUIREMENTS: The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.
U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.
SARA 311/312: Acute Health: Yes; Chronic Health: No; Fire: No; Reactivity: No
U.S. CERCLA REPORTABLE QUANTITY (RQ): None.
U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory or are exempted from listing.
OTHER U.S. FEDERAL REGULATIONS: None known.

SECTION 16. OTHER INFORMATION

ABBREVIATIONS AND ACRONYMS:
EPA: United States Environmental Protection Agency
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)

PREPARED BY: Chris Eigbrett – (MSDS to GHS Compliance)
DATE OF PRINTING: March 16, 2015

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Corcraft assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Corcraft assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

END OF SDS SHEET