

## SECTION 1. PRODUCT IDENTIFICATION

<b>1.1 TRADE NAME (AS LABELED):</b>	<b>Vehicle Wash</b>
SYNONYMS:	N/A
CAS#:	Mixture
<b>1.2 PRODUCT USE:</b>	Cleaning agent
CHEMICAL SHIPPING NAME/CLASS:	Non-Regulated Material
U.N. NUMBER:	N/A
<b>1.3 NORTH AMERICA:</b>	
<u>MANUFACTURER'S NAME:</u>	<b>Corcraft – New York State Department of Corrections and Community Supervision</b>
ADDRESS:	Great Meadow Correctional Facility, Division of Industries
ADDRESS CONT:	550 Broadway Albany, NY 12204
BUSINESS PHONE:	518-436-6321 EXT 2620
WEB SITE INFORMATION:	www.corcraft.org
<b>1.4 EMERGENCY PHONE NUMBERS:</b>	<b>800-467-4922 (CHEMTREC)</b> 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 yellowish colored liquid with a lemon scent.

**Health Hazards:** May be harmful if swallowed. May cause serious eye irritation. May cause skin and respiratory 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)

Non-Regulated Material

 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)

Sodium Carbonate, Sodium Metasilicate, EDTA, Surfactant Blend

### 2.2 LABEL ELEMENTS

#### GHS Hazard Classification(s):

Acute Toxicity (Oral), Category 4  
 Skin Irritation, Category 2  
 Eye Irritation, Category 2A  
 STOT (Respiratory Irritation), Category 3

#### Hazard Statement(s):

H302 Harmful if swallowed  
 H315 Causes skin irritation  
 H319 Causes serious eye irritation  
 H335 May cause respiratory irritation

#### Storage Statement(s):

P403+P233 Store in a well-ventilated place. Keep container tightly closed  
 P405 Store locked up

#### Disposal Statement(s):

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### Precautionary Statement(s)

P280 Wear protective gloves and eye protection  
 P261 Avoid breathing dusts/fume/gas/mist/vapours/spray  
 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

### Response Statement(s):

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 P312 Call a POISON CENTER/Doctor if you feel unwell  
 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  
 P302+P352 IF ON SKIN: Wash with plenty of water  
 P332+P313 If skin irritation occurs: Get medical advice / attention  
 P362+P364 Take off contaminated clothing and wash it before reuse  
 P301+P312 IF SWALLOWED: Call a POISON CENTER/Doctor if you feel unwell  
 P330 Rinse mouth

### 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:** Mist or spray may cause coughing, headache, throat and respiratory irritation.

**CONTACT WITH SKIN:** Contact with skin may cause irritation.

**EYE CONTACT:** Contact with eyes may cause serious irritation including redness and tearing.

**INGESTION:** May be harmful if ingested. May cause gastrointestinal pain, vomiting, or headache.

**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

COMPOSITION	WT. PERCENTAGE	CAS#	HAZARD CLASSIFICATION
Water	72 – 87%	7732-18-5	None
Sodium Carbonate	1 – 5%	497-19-8	[Xi] Irritant
Sodium Metasilicate	1 – 5%	6834-92-0	[Xi] Irritant
EDTA	1 – 5%	64-02-8	[Xi] Harmful
Surfactant Blend	3 – 7%	Trade Secret	[Xi] Irritant
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:**

Ingestion may cause gastrointestinal pain, vomiting, or headache. Contact with the eyes may cause serious irritation. May cause skin and respiratory irritation.

**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

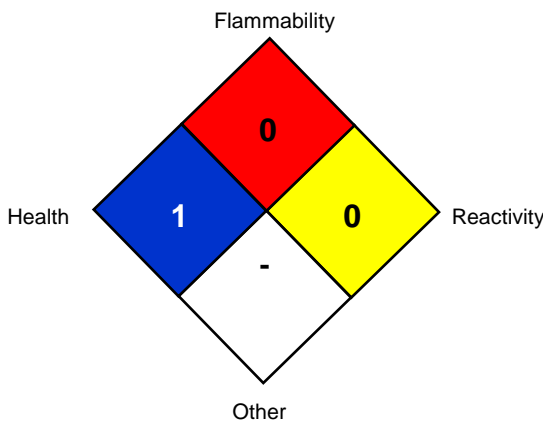
AUTOIGNITION TEMPERATURE: Not determined

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.

**NFPA RATING SYSTEM**



**HMIS RATING SYSTEM**

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			0
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

**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:

Chemical Name	CAS#	ACGIH TLV	OSHA TWA
Water	7732-18-5	Not Listed	Not Listed
Sodium Carbonate	497-19-8	Not Listed	Not Listed
Sodium Metasilicate	6834-92-0	Not Listed	Not Listed
EDTA	64-02-8	Not Listed	Not Listed
Surfactant Blend	Trade Secret	Not Listed	Not Listed

### 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 protect 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:** Yellowish colored liquid

**ODOR:** Lemon

**ODOR THRESHOLD:** Not Applicable

**pH:** <11.5

**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

**SOLUBILITY IN WATER:** Complete

**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, oxidizing agents.

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

No data available.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

#### TOXICITY DATA:

Sodium Carbonate	497-19-8	LD50 Oral	4,090 mg/kg	Rat
		LC50 Inhalation	2h – 5,750	Rat
EDTA	64-02-08	LD50 Oral	1,260 mg/kg	Rat

**SUSPECTED CANCER AGENT:** Ingredients within this product are not found on the following lists: FEDERAL OSHA Z 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 skin, respiratory, and eye irritation.

**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:

Sodium Carbonate	497-19-8	LC50	300 mg/l – 96h	Bluegill
		EC50	265 mg/l – 48h	Water flea

### 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):** None

**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**