1. IDENTIFICATION

Product name: GP Forward TM/MC General Purpose Cleaner
SDS #: MS0801246
Recommended use:
- Industrial/Institutional
- General purpose cleaner
This product is intended to be diluted prior to use
Uses advised against:
Uses other than those identified are not recommended

2. HAZARDS IDENTIFICATION

Classification for the undiluted product
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 1

Signal word: Danger.

Hazard Statements
CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE.

Precautionary Statements
Causes burns/serious damage to mouth, throat and stomach. Keep container tightly closed. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Take off contaminated clothing and wash it before reuse. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat.

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product 1:64
This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and...
3. COMPOSITION/INFORMATION ON INGREDIENTS

### Classified Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol, C9-C11, ethoxylated</td>
<td>68439-46-3</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Sodium xylene sulfonate</td>
<td>1300-72-7</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Sodium silicate</td>
<td>1344-09-8</td>
<td>0.5 - 1.5%</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>&gt; 0.1 - &lt; 1%</td>
</tr>
<tr>
<td>Lauryl dimethyl amine oxide</td>
<td>1643-20-5</td>
<td>&gt; 0.1 - &lt; 1%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

#### Undiluted Product:

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed:** Not applicable.

#### Diluted Product:

**Eyes:** Rinse with plenty of water.

**Skin:** No specific first aid measures are required

**Inhalation:** No specific first aid measures are required

**Ingestion:** IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:** Corrosive material (See sections 8 and 10).

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

**Handling:** Can react to release hazardous gases. Mix only with water. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. May vigorously react with strong alkaline products resulting in spattering and excessive heat. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Keep tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
Exposure Guidelines:

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>2 mg/m³ (Ceiling)</td>
<td>2 mg/m³ (TWA)</td>
</tr>
</tbody>
</table>

**Undiluted Product:**

Engineering measures to reduce exposure:
Good general ventilation should be sufficient to control airborne levels.

**Personal Protective Equipment**

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

- **Eye protection:** Chemical-splash goggles.
- **Hand protection:** Chemical-resistant gloves.
- **Skin and body protection:** No personal protective equipment required under normal use conditions.
- **Respiratory protection:** No personal protective equipment required under normal use conditions. If aerosols, mists, vapors, or dust are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

**Diluted Product:**

Engineering measures to reduce exposure:
Good general ventilation should be sufficient to control airborne levels.

**Personal Protective Equipment**

- **Eye protection:** No personal protective equipment required under normal use conditions.
- **Hand protection:** No personal protective equipment required under normal use conditions.
- **Skin and body protection:** No personal protective equipment required under normal use conditions.
- **Respiratory protection:** No personal protective equipment required under normal use conditions.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

- **Physical State:** Liquid
- **Evaporation Rate:** No information available
- **Odor threshold:** No information available.
- **Decomposition temperature:** Not determined
- **Solubility:** Completely Soluble
- **Relative Density (relative to water):** 1.03
- **Vapor density:** No information available
- **Vapor pressure:** No information available
- **Partition coefficient (n-octanol/water):** No information available
- **Elemental Phosphorus:** 0.00 % by wt.
- **pH:** > 11
- **Corrosion to metals:** Not corrosive to metals
- **Explosion limits:** - upper: Not determined - lower: Not determined
- **Color:** Clear , Green
- **Odor:** Citrus Slightly perfumed Fruity
- **Boiling point/range:** Not determined
- **Autoignition temperature:** No information available
- **Solubility in other solvents:** No information available
- **Density:** 1.0306 Kg/L
- **Bulk density:** No information available
- **Flash point (°F):** > 200 °F > 93 °C
- **Viscosity:** 3.6
- **VOC:** 0 % *
- **Flammability (Solid or Gas):** Not applicable
- **Sustained combustion:** Not applicable

**Dilution pH:**
> 11

**Dilution Flash Point (°F):** > 200 °F > 93.4 ºC

**VOC % by wt. at use dilution:** 1e-005 %

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

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**10. STABILITY AND REACTIVITY**

- **Reactivity:** Not Applicable
- **Stability:** The product is stable
- **Possibility of hazardous reactions:** May vigorously react with strong alkaline products resulting in spattering and excessive heat.
- **Hazardous decomposition products:** None reasonably foreseeable.
- **Materials to avoid:** Ammonia. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical unless specified in the use directions.
- **Conditions to avoid:** No information available.
11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure:**
Skin contact, Inhalation, Ingestion, Eye contact

**Delayed, immediate, or chronic effects and symptoms from short and long-term exposure**

- **Skin contact:** Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.
- **Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.
- **Ingestion:** Causes burns/serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.
- **Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.
- **Sensitization:** No known effects.
- **Target Organs (SE):** None known
- **Target Organs (RE):** None known

**Numerical measures of toxicity**

- **ATE - Oral (mg/kg):** >5000

12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products (undiluted product):** This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Waste from residues / unused products (diluted product):** This product, when diluted as stated on this SDS, is a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

- **RCRA Hazard Class (undiluted product):** D002 Corrosive Waste
- **RCRA Hazard Class (diluted product):** D002 Corrosive Waste
- **Contaminated Packaging:** Do not re-use empty containers.

14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

- **DOT (Ground) Bill of Lading Description:** NOT REGULATED
- **IMDG (Ocean) Bill of Lading Description:** NOT REGULATED

15. REGULATORY INFORMATION

**International Inventories at CAS# Level**

- **TSCA:** All components are listed or otherwise exempt
RIGHT TO KNOW (RTK)

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
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<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
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<tr>
<td>Alcohol, C9-C11, ethoxylated</td>
<td>68439-46-3</td>
<td>-</td>
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<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium silicate</td>
<td>1344-09-8</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tetrasodium salt of EDTA</td>
<td>64-02-8</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>X</td>
<td>X</td>
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</tr>
</tbody>
</table>

CERCLA / SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>&gt; 0.1 - &lt; 1%</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Canadian Regulations

16. OTHER INFORMATION

NFPA (National Fire Protection Association)
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3
Flammability 0
Instability 0
Special Hazards -

Diluted Product:

Health 0
Flammability 0
Instability 0
Special Hazards -

Revision: 2021-04-26
Version: 01.0

Reason for revision: Not applicable
Prepared by: North American Regulatory Affairs
Additional advice: • Contains an added fragrance, see "Odor" heading in section 9 for specific description

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