1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Mix N Fill #8 Gloss-Mate  
**GENERAL USE:** Floor cleaner  
**PRODUCT DESCRIPTION:** Cleaner/Maintainer  
**CHEMICAL FAMILY:** Detergent Blend

**DISTRIBUTOR**  
Simplex Products  
6 Commercial St.  
Sharon, MA 02067  
Customer Service: 781-784-8484

**24 HR. EMERGENCY TELEPHONE NUMBERS**  
CHEM-TEL (Medical and Transportation): 800-255-3924  
POISON CONTROL CENTER (Medical): 800-222-1222

2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**  
**Health:**  
Skin Irritation, Category 3  
Eye Irritation, Category 2B

**GHS LABEL**  
**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**  
H320: Causes eye irritation.  
H316: Causes mild skin irritation.  
H303: May be harmful if swallowed.

**PRECAUTIONARY STATEMENT(S)**  
**Prevention:**  
P262: Do not get in eyes, on skin, or on clothing.  
P102: Keep out of reach of children.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**  
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.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**Storage:**  
P404: Store in a closed container.

**Disposal:**  
P501: Dispose of contents/container according to all local, state and Federal regulations.

**EMERGENCY OVERVIEW**  
**PHYSICAL APPEARANCE:** Brown liquid  
**IMMEDIATE CONCERNS:** Eye irritant

**POTENTIAL HEALTH EFFECTS**  
**EYES:** Contact causes eye irritation.  
**SKIN:** Skin irritant with prolonged or repeated contact.
SKIN ABSORPTION: None Expected.

INGESTION: Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and possible death.

INHALATION: None Expected.

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: None known.

CARCINOGENICITY: No listed substance

MUTAGENICITY: None known.

MEDICAL CONDITIONS AGGRAVATED: Previous skin conditions such as dermatitis may be aggravated.

ROUTES OF ENTRY: Ingestion, eye

WARNING CAUTION LABELS: Irritant

PHYSICAL HAZARDS: None Expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatty acids, tall-oil, potassium salts</td>
<td>5 - 10</td>
<td>61790-44-1</td>
</tr>
<tr>
<td>Tetrapotassium Pyrophosphate</td>
<td>0 - 2</td>
<td>7320-34-5</td>
</tr>
<tr>
<td>Nonylphenol Ethoxylate</td>
<td>0 - 5</td>
<td>9016-45-9</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>0 - 1</td>
<td>67-63-0</td>
</tr>
<tr>
<td>Dye</td>
<td>&lt; 0.1</td>
<td>N/A</td>
</tr>
<tr>
<td>Fragrance</td>
<td>&lt; 0.5</td>
<td>N/A</td>
</tr>
<tr>
<td>Water</td>
<td>80 - 85</td>
<td>7732-18-5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Burning sensation with tearing, redness.

SKIN: Prolonged contact will cause irritation marked by redness, burning sensation.

SKIN ABSORPTION: Not Established

INGESTION: Irritation of mouth, throat, along with stomach upset, vomiting.

INHALATION: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

ACUTE TOXICITY: Not Established

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NA = Not Applicable

GENERAL HAZARD: NA = Not Applicable

EXTINGUISHING MEDIA: Not required. Water based material.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.
LARGE SPILL: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid discharges into open waterways.
LAND SPILL: Avoid discharge to soil.

GENERAL PROCEDURES: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

SPECIAL PROTECTIVE EQUIPMENT: Eye protection, rubber gloves, rubber boots to protect feet.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Close container after use.

HANDLING: Wear eye protection, rubber gloves when handling concentrate.

STORAGE: Store in area inaccessible to children.

STORAGE TEMPERATURE: Store at ambient temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL ppm</th>
<th>ACGIH TLV ppm</th>
<th>Supplier OEL ppm</th>
<th>OSHA PEL mg/m³</th>
<th>ACGIH TLV mg/m³</th>
<th>Supplier OEL mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>TWA 400</td>
<td>980</td>
<td>200</td>
<td>490</td>
<td>NL</td>
<td>NL</td>
</tr>
<tr>
<td></td>
<td>STEL 400</td>
<td>960</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS: No special requirements.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields.

SKIN: Rubber or other chemical resistant gloves.

PROTECTIVE CLOTHING: No special requirements.

WORK HYGIENIC PRACTICES: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Sassafras

ODOR THRESHOLD: Not Established

APPEARANCE: Water clear

COLOR: Brown

pH: 10.0 to 11.0

PERCENT VOLATILE: 90+

FLASH POINT AND METHOD: None

FLAMMABLE LIMITS: N/A

AUTOIGNITION TEMPERATURE: NA = Not Applicable

VAPOR PRESSURE: ≤ 20 mm Hg at (68°F)

VAPOR DENSITY: Not Available

BOILING POINT: ~ 100°C (212°F)

FREEZING POINT: 32°F; 0°C
MELTING POINT: Not Available
THERMAL DECOMPOSITION: Not Available
SOLUBILITY IN WATER: Complete
EVAPORATION RATE: (Water =1) 1.0
DENSITY: 8.41 at (68°F)
SPECIFIC GRAVITY: 1.008 grams/ml.
VISCOSITY: Slightly viscous.
(VOC): 1.770 % by weight

10. STABILITY AND REACTIVITY

REACTIVITY: Yes
HAZARDOUS POLYMERIZATION: No
CONDITIONS TO AVOID: Not Established
POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
INCOMPATIBLE MATERIALS: Strong acids, oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ORAL LD$_{50}$ (rat)</th>
<th>DERMAL LD$_{50}$ (rabbit)</th>
<th>INHALATION LC$_{50}$ (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrapotassium Pyrophosphate</td>
<td>1000 to 2444 mg/kg</td>
<td>&gt; 4640 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Nonylphenol Ethoxylate</td>
<td>16000 mg/kg (rat)</td>
<td>4490 mg/kg (rabbit)</td>
<td></td>
</tr>
<tr>
<td>Isopropanol</td>
<td>5045 mg/kg (rat)</td>
<td>12800 mg/kg (rabbit)</td>
<td>16000 ppm</td>
</tr>
</tbody>
</table>

EYES: Not Established
DERMAL LD$_{50}$: Not Established
SKIN ABSORPTION: None Expected.
ORAL LD$_{50}$: Not Established
INHALATION LC$_{50}$: Not Established
EYE EFFECTS: Moderate to severe eye irritant.
SKIN EFFECTS: May irritate skin with prolonged or repeated contact.
IRRITATION: Irritant
SENSITIZATION: No known significant effects or critical hazards.
REPRODUCTIVE EFFECTS: No known significant effects or critical hazards.
MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Established
ECOTOXICOLOGICAL INFORMATION: Not Established
AQUATIC TOXICITY (ACUTE): Not Established

13. DISPOSAL CONSIDERATIONS
**DISPOSAL METHOD:** Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** See above.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**ROAD AND RAIL (ADR/RID)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Cleaning Compound, not regulated.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Cleaning Compound, not regulated.

### 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Health - Acute

FIRE: No  PRESSURE GENERATING: No  REACTIVITY: No  ACUTE: Yes  CHRONIC: No

313 REPORTABLE INGREDIENTS: NA = Not Applicable

302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** NA = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**STATES WITH SPECIAL REQUIREMENTS**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonylphenol Ethoxylate</td>
<td>Massachusetts Right to Know Substance</td>
</tr>
<tr>
<td></td>
<td>New Jersey Right To Know Substance</td>
</tr>
<tr>
<td></td>
<td>Pennsylvania Right to Know Substance</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>Massachusetts Right to Know Substance</td>
</tr>
<tr>
<td></td>
<td>New Jersey Right To Know Substance</td>
</tr>
<tr>
<td></td>
<td>Pennsylvania Right to Know Substance</td>
</tr>
</tbody>
</table>

**CALIFORNIA PROPOSITION 65:** None

**CARCINOGEN:** Contains an ingredient listed under IARC Group 3.

### 16. OTHER INFORMATION

**PREPARED BY:** Regulatory Affairs Department  **Date Prepared:** 05/06/2015
### HMIS RATING

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
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</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>B</td>
</tr>
</tbody>
</table>

### NFPA CODES

![NFPA Codes Diagram]

### Manufacturer Disclaimer:

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.