SECTION I - IDENTIFICATION

PRODUCT NAME: OVENMASTER
PRODUCT CODE: 1220-Q
PRODUCT USE: Cleaner, Alkaline
COMPANY NAME: BETA TECHNOLOGY, INC
COMPANY ADDRESS: P.O. Box 218686 Houston, TX 77218
COMPANY PHONE: 281-647-9700
EMERGENCY PHONE: 800-535-5053

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Skin Corrosive: Category 1C
Eye Damage: Category 1
Corrosive to Metals
HAZARD STATEMENT(S): DANGER: Causes severe skin burns and eye damage. May be corrosive to metals.
This product contains the following percentage of chemicals of unknown toxicity: 0%
PRECAUTIONARY STATEMENTS: Do not breathe mists. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Keep only in original container. Absorb spillage to prevent material damage. Store in a corrosive resistant container with a resistant inner liner.

SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>1-5%</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>5-10%</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>1-5%</td>
</tr>
</tbody>
</table>

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.
INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.
INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
SKIN: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
ACUTE HEALTH HAZARDS: Causes severe burns.
CHRONIC HEALTH HAZARDS: Sodium hydroxide may produce inflammation of the eyes, skin, and mucous membranes.
NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. The absence of visible signs or symptoms of burns does not reliably exclude the presence of actual tissue damage.
SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, and water spray.
UNSUITABLE EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Non-combustible. Water spray may be used to keep fire exposed containers cool.
HAZARDOUS COMBUSTION PRODUCTS: None Known

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.
SPILL: Dike area to contain spill. Dilute spill with large quantities of water and then neutralize with a dilute acid. Flush area with water until clean.
WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.
RCRA STATUS: Waste likely considered Hazardous Waste D002 (Corrosive waste) due to the pH of the solution and the corrosive characteristic.

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Keep containers tightly closed and dry. Do not store near food, drink, or animal food.
OTHER PRECAUTIONS: Keep out of the reach of children.
INCOMPATIBILITY: Strong acids

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide</td>
<td>2 mg/m3</td>
<td>2 mg/m3</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>50 ppm</td>
<td>20 ppm</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust should be adequate.
RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, gloves, and synthetic apron.
ADDITIONAL MEASURES: Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to Hazy Red Liquid
ODOR: Butyl odor
ODOR THRESHOLD: N/D
BOILING POINT: N/D
FREEZING POINT: 32°F
FLAMMABILITY: Not considered a flammable liquid by OSHA (29CFR 1910.1200)
FLASH POINT: N/D
AUTOIGNITION TEMPERATURE: N/D
LOWER FLAMMABILITY LIMIT: N/D
UPPER FLAMMABILITY LIMIT: N/D
VAPOR PRESSURE (mm Hg): 17.5 @ 77°F (25°C)
VAPOR DENSITY (AIR=1): > 1 @ 77°F (25°C)
EVAPORATION RATE: <1
SPECIFIC GRAVITY (H2O=1): 1.08 - 1.13 @ 77° F (25° C)
pH: 13-14
SOLUBILITY IN WATER: 100%
PARTITION COEFFICIENT: n-OCTANOL/WATER ($K_{ow}$): N/D
VOLATILE ORGANIC COMPOUNDS (VOC): 0%
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: Chemically active metals and acids
CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Extremes of hot and cold.
INCOMPATIBILITY: Strong acids
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Carbon monoxide and unidentified organic compounds may be formed during combustion.
POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Sodium Hydroxide (1310-73-2) LD$_{50}$ (Oral, Rabbit) 400 mg/kg  2-Butoxyethanol (111-76-2) LD$_{50}$ (Oral, Rat) 470 mg/kg; LC$_{50}$ (Inhalation, Rat, 4hr) 450 ppm; LD$_{50}$ (Dermal, Rabbit) 220 mg/kg

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: May cause burning, irritation, redness, tearing, pain, mild corneal damage
INGESTION: Causes chemical burns, damage to mouth and esophagus with gastrointestinal irritation, nausea, vomiting.
INHALATION: Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.
SKIN: Causes severe burns. Prolonged contact will destroy tissue.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
ACUTE HEALTH HAZARDS: Causes severe burns.
CHRONIC HEALTH HAZARDS: Sodium hydroxide may produce inflammation of the eyes, skin, and mucous membranes.
CARCINOGENICITY: OSHA: No  ACGIH: No  NTP: No  IARC: No  OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Sodium Hydroxide (1310-73-2) LC$_{50}$ (Bluegill Sunfish, 48hr) 99 mg/L;  (Mosquito Fish 96hr) 125 mg/L;  (Brown Shrimp, 48hr) 30-100 mg/L;  (Brook Trout, 24hr) 25 ppm  Sodium Metasilicate (6834-92-0) LC$_{50}$ (gambusia affinis, 96hr) 2328 ppm; (daphnia magna, 96hr) 247 ppm; (amphipoda, 96hr) 168 ppm  2-Butoxyethanol (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.

BIODEGRADABILITY: This product is biodegradable.
BIOACCUMULATION: This product is not expected to bioaccumulate.
SOIL MOBILITY: This product is mobile in soil.
OTHER ECOLOGICAL HAZARDS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.
RCRA STATUS: Waste likely considered Hazardous Waste D002 (Corrosive waste) due to the pH of the solution and the corrosive characteristic.

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.
HAZARD CLASS/DIVISION: N/A
UN/NA NUMBER: N/A
PACKAGING GROUP: N/A

AIR SHIPMENT
PROPER SHIPPING NAME: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide,Sodium Metasilicate)
HAZARD CLASS/DIVISION: 8
UN/NA NUMBER: UN 3266
PACKAGING GROUP: III

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide,Sodium Metasilicate) Ltd. Qty.
HAZARD CLASS/DIVISION: 8
UN/NA NUMBER: UN 3266
PACKAGING GROUP: III
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Sodium Hydroxide (1310-73-2)
Reproducible Quantity = 1,000 lbs
SARA 311/312 HAZARD CATEGORIES: 2-Butoxyethanol (111-76-2) Acute health hazard
SARA 313 REPORTABLE INGREDIENTS: None
CLEAN WATER ACT: None
STATE REGULATIONS: 2-Butoxyethanol (111-76-2) Right-to-Know acts for New Jersey, Massachusetts, Pennsylvania, Rhode Island, Illinois, Florida, Minnesota; Massachusetts spill list
INTERNATIONAL REGULATIONS: 2-Butoxyethanol (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

NFPA HEALTH: 2
NFPA FLAMMABILITY: 0
NFPA REACTIVITY: 0
NFPA OTHER: N/A

HMIS HEALTH: 2
HMIS FLAMMABILITY: 0
HMIS REACTIVITY: 0
HMIS PROTECTION: C

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Chioma Agbai
DATE PREPARED: 01/05/2017
REVISION DATE: 01/05/2017

N/A = Not Applicable; N/D = Not Determined

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