SAFETY DATA SHEET

SECTION 1 • COMPANY AND CHEMICAL IDENTIFICATION
Selective Micro Technologies, LLC
2600 Avery Rd., Suite A
Dublin, OH 43016
(614) 256-8289

EMERGENCY SOURCE INFORMATION
24-Hour Emergency Chemtrec: 800-424-9300

SECTION 2 • HAZARD IDENTIFICATION
DRY PRODUCT: Sodium chlorite
SIGNAL WORD: DANGER
CATEGORY: Oxidizing solids (category 2)

May intensify fire, oxidizer. Causes burns to skin, serious eye damage. Respiratory tract irritant. Skin and Eye irritant.

Precautionary statements: Wash exposed areas after handling, wear protective gloves, avoid breathing fumes/gas/mist/vapor/spray. Use only in a well-ventilated area. If skin irritation occurs, get medical attention. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. If eye irritation persists, get medical attention. If inhaled, remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell. Take off contaminated clothing and wash before reuse.

SECTION 3 • COMPOSITION/INFORMATION ON INGREDIENTS
DRY PRODUCT

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CASRN</th>
<th>RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activator*</td>
<td>N/A</td>
<td>55-85%</td>
</tr>
<tr>
<td>Sodium Chlorite</td>
<td>7758-19-2</td>
<td>15-40%</td>
</tr>
<tr>
<td>Inert*</td>
<td>N/A</td>
<td>≤ 2%</td>
</tr>
</tbody>
</table>

Proprietary ingredients

SECTION 4 • FIRST AID MEASURES

CONTACT WITH DRY PRODUCT
SKIN: Brush off loose product. Rinse skin immediately with plenty of water, then wash area with soap and water. Call a poison control center or doctor for treatment advice.

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Seek medical attention immediately.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Remove individual from exposure to chemical. Seek fresh air. If individual is not breathing, administer CPR. If breathing is labored, seek medical attention.

SECTION 5 • FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD: Sodium chlorite in the unactivated product is a strong oxidizer, and can support combustion in the absence of air.

EXTINGUISHING MEDIA: Fire-exposed containers should be watered and cooled with water fog. Decomposition can release oxygen that supports combustion and reduces effectiveness of suppression-type extinguishing agents.

FIREFIGHTING: Wear full protective clothing and self-contained breathing apparatus with full facepiece (pressure-demand, NIOSH-approved). Approach fire from upwind to avoid hazardous vapors and toxic decomposition products.

Hazardous combustion products: Decomposition can release oxygen that supports combustion and reduces effectiveness of suppression-type extinguishing agents. Thermal decomposition products from incomplete combustion (pyrolysis) include carbon monoxide, carbon dioxide, and inorganic chlorine compounds.

SECTION 6 • ACCIDENTAL RELEASE MEASURES
DRY PRODUCT: If contents of pouch are exposed, spilled, or otherwise introduced into the environment:

- Wear protective rubber gloves (see manufacturer details for tolerances)
- Wear protective goggles or other eye protection
- Wear an approved NIOSH mask to prevent inhaling fumes/dust
- Place contents on pouch in a plastic container
- Fill container with water to allow degradation/neutralization

SECTION 7 • HANDLING AND STORAGE
HANDLING: Use product as directed by label. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Thoroughly rinse any protective gear and handling equipment used prior to storage and reuse.

STORAGE: Observe all applicable regulations when storing this substance. Keep unactivated product in a cool, dry, ventilated area away from direct sunlight. Do not store with acids, chlorine and chlorine compounds, hypochlorites (bleach), organic solvents, sulfur and sulfite compounds, phosphorus, and combustible/flammable materials. Do not store in areas where sparking may occur.

SECTION 8 • EXPOSURE CONTROLS/PERSONAL PROTECTION
VENTILATION: General exhaust ventilation is sufficient for safe use of this product. Avoid breathing any vapors, mists or fumes generated by inactivated chemicals. Local exhaust ventilation or NIOSH-approved mask may be appropriate in applications, confined spaces or where large quantities are used.

EYE PROTECTION: When handling dry ingredients approved safety goggles or face shield should be worn.

EMERGENCY WASH FACILITIES: None normally required when handling intact product. Safety shower and chemical eyewash facilities may be necessary if handling large quantities of dry ingredients.

GLOVES: None normally required when handling intact product. If handling exposed dry ingredients in product, use appropriate hand protection. Gloves made of rubber, neoprene or other chemically impermeable gloves may be suitable. Consult glove manufacturer.

RESCUER RESPIRATOR: None normally required when handling intact product. If dry chemicals are exposed, A NIOSH-approved air-purifying respirator or a NIOSH approved canister/cartridge respirator rated for chlorine/acid gas or specified for chlorine dioxide may be appropriate.

FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS: For firefighting, see section 5.

SECTION 9 • PHYSICAL AND CHEMICAL PROPERTIES
APPEARANCE:
- Dry Product-white powdery substance
- Upper/lower flammability limits: NA
- Odor: Dry Product-NA
- Vapor pressure: NA
- Odor threshold: 0.1 ppm
- Vapor density: NA
- pH: NA
- Relative density: NA
- Melting/freezing point: NA

SOLUBILITY: Complete
- Initial boiling point/end boiling range: NA
- Flash point: 195°C
- Evaporation rate: NA
- Flammability: NA
- Partition coefficient: NA
- Auto-ignition temperature: NA
- Decomposition temperature: 160°C
- Viscosity: NA

SECTION 10 • DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose of container and contents in an environmentally friendly manner.

SECTION 11 • REGULATORY INFORMATION

Compliance with federal, state and local disposal/transportation laws is the responsibility of the user. Refer to applicable codes for disposal requirements.

SECTION 12 • other INFORMATION

The information provided in this SDS is true and correct to the best of our knowledge. It is the user’s responsibility to determine the suitability of this product for their use.

SECTION 13 • REGISTRATION INFORMATION

Registration number: 30-022619

SDS No.: GC 30-022619
SECTION 10 • STABILITY AND REACTIVITY

STABILITY: Product is stable under normal storage conditions. Ingredients are oxidizers and may decompose if heated above 160 °C, opened, or wetted.

CONDITIONS TO AVOID: Avoid storing product where it might become wet, or where the spilled contents of a damaged, unactivated pouch could dry to a crystalline salt or produce chlorine dioxide gas. Do not store where dry material may come into contact with sparking.

INCOMPATIBILITIES: Avoid accidental contact of dry ingredients or activated product with acids, chlorine compounds, hypochlorites (bleach), sulfur and sulfite compounds, phosphorus, organic solvents, and combustible/flammmable materials.

HAZARDOUS DECOMPOSITION: Exposure of dry ingredients or activated product to acids or chlorine compounds can produce uncontrolled release of chlorine dioxide gas.

SECTION 11 • TOXICOLOGICAL INFORMATION

CARCINOGEN STATUS: Not Listed.

TARGET ORGANS: Skin, eyes.

ADDITIONAL DATA: None.

HEALTH EFFECTS OF UNACTIVATED PRODUCT: None anticipated under normal conditions of use. Contact with dry ingredients may cause burns.

INHALATION: None anticipated under normal conditions of use.

SKIN CONTACT: None anticipated under normal conditions of use.

EYE CONTACT: None anticipated under normal conditions of use; however, eye contact with dry ingredients may cause irreversible eye damage.

INGESTION: None anticipated under normal conditions of use.

DERMAL SENSITIZATION: Repeated exposure unlikely due to acute effects.

ACUTE INHALATION: NA

CARCINOGEN STATUS:

OSHA: Not Listed.

NTP: Not Listed.

IARC: Not Listed.

TARGET ORGANS: Skin, eyes, respiratory tract, mucous membranes.

ADDITIONAL DATA: None.

SECTION 12 • ECOLOGICAL INFORMATION

ACUTE AQUATIC TOXICITY: Not applicable.

DEGRADABILITY: Decomposes in water.

BIOCONCENTRATION FACTOR (BCF): Not applicable.

OCTANOL/WATER PARTITION COEFFICIENT: Not applicable.

SECTION 13 • DISPOSAL INFORMATION

Unactivated product should be disposed in accordance with all federal, state and local regulations.

SECTION 14 • TRANSPORTATION INFORMATION

D.O.T. Classification: 5.1, Oxidizer

D.O.T. Identification number: UN Number: 1496

Placard Required: Oxidizer, 1496, Class 5.1

IMO Requirements: EmS No. 5.1-66, MFAG table No. 7841, IMDG code page No. 5180

SECTION 15 • REGULATORY INFORMATION

US FEDERAL REGULATIONS:

Clean Air Act: Not applicable.

Reportable Quantity: none established.

Toxic Substances Control Act: Sodium chlorite listed on TSCA inventory.

SARA Title III: Sodium chlorite is subject to reporting requirements of Section 313 of Title III of the 1986 Superfund Amendments and Reauthorization Act (SARA) and 40 CFR Part 372.

ACUTE HAZARD: Irritant.

CHRONIC HAZARD: None known.

FIRE HAZARD: Oxidizer.

REACTIVITY HAZARD: Oxidizer.

SUDDEN RELEASE HAZARD: Not applicable.

STATE REPORTING REQUIREMENTS:
California Proposition 65: Not regulated.
New Jersey: See Section II.

SECTION 16 • OTHER

DISCLAIMER OF WARRANTY

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