SECTION 1: IDENTIFICATION

Product name: SENIOR CREME CLEANSER
Recommended use: Stainless steel abrasive cleaner
Physical Description: White cream with a mint odor
Generic Ingredients: Water, silica, surfactant, sulfonic acid, and fragrance

Manufacturer: Penetone Corporation
125 Kingsland Ave.
Clifton, NJ 070714
800-631-1652 or 201-567-3000

Business Contact:
Customer Service
800-631-1652 x2602 or 2272
Product Safety
800-631-1652 x2211 or 2257

Emergency Phone Numbers: PENETONE 201-567-3000 CHEMTREC 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health:  
Skin irritation: 2  
Eye damage: 1
Physical: not classified

Acute toxicity - oral: 4

DANGER!
Causes Serious Eye Damage.
Causes Skin Irritation.
Harmful If Swallowed.

Precautionary Statements:

Prevention:
Wear protective gloves, clothing, eye protection, and face protection.
Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Response:
If swallowed: Rinse mouth. Call a poison center/doctor if you feel unwell.
If on skin or hair: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center, doctor, emergency room, or 911. Get medical attention if you feel unwell.

Disposal:
Dispose of contents/container in accordance with local, regional, and national regulations (see Sections 13 and 15 of SDS for disposal and reporting requirements).

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>Concentration Wt% (1)</th>
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</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt;50</td>
</tr>
<tr>
<td>Silica</td>
<td>14808-60-7</td>
<td>35-40</td>
</tr>
<tr>
<td>Alcohol, C9-11, ethoxylate</td>
<td>68439-46-3</td>
<td>5-10</td>
</tr>
<tr>
<td>Sulfonic acid</td>
<td>27178-87-0</td>
<td>1-5</td>
</tr>
</tbody>
</table>

(1) Exact percentages being withheld under trade secret provision of OHSA HCS 1910.1200(i)
SECTION 4: FIRST-AID MEASURES

General Description of Symptoms & First-Aid Measures
Most likely work-place exposure routes will be skin contact. For skin contact, typically no immediate effects will be observed. A slight tingling sensation might be felt some time after exposure. Slight reddening or minor irritation could also develop if product is not quickly washed off.

Eyes
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a local Poison Control Center, doctor, physician or other competent medical authority for medical advice. Penetone recommends that after any eye exposure a physician be seen immediately.

Ingestion
If swallowed: Rinse mouth. Call a poison center/doctor if you feel unwell.

Inhalation
If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a local Poison Control Center, physician, or other competent medical authority for medical advice.

Skin
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. A mild soap may be used to wash skin. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Special Treatment / Other
None

SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties
Classification: Non-flammable
Flash Point: None-to-boil
Autoignition Temperature: not determined
Lower Flammable Limit: Not applicable  Upper Flammable Limit: Not applicable

Specific Hazards
Product is water based and presents no unusual fire hazards.

Extinguishing Media
Use extinguishing agents appropriate for controlling surrounding fire.

Unsuitable: None.

Protection & Precautions for Firefighters
Protective Equipment & Clothing: Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters protective clothing will only provide limited protection.

Fire Fighting Guidance: Cool containers with flooding quantities of water until well after fire is out. Move containers from fire area if you can do it safely. Dike fire control water for later disposal; do not scatter material. Containers can expand and explode under fire conditions due to vapor buildup. Always stay away from containers engulfed in fire.

Hazardous Combustion Products: Smoke, fumes, and oxides of carbon and sulfur when taken to dryness and burned.
SECTION 6: ACCIDENTAL RELEASE MEASURES

Land Spill
Adsorb spillage to prevent material damage. Stop leak if you can do it safely. For large spills, dike and pump into properly labeled containers for reclamation or disposal. For small spill, soak up with absorbent material and place in properly labeled containers for disposal. Neutralize residue with dilute base and follow with a liberal covering of sodium bicarbonate or other acceptable drying agent.

Water Spill
Although this is a water based product, it is viscous and heavier than water. This may make recovery recovery difficult. This product is acidic and may lower the pH of surface waters with low buffering capacity. Check with local environmental regulatory agencies for reporting requirements.

See SECTION 8 for EXPOSURE CONTROLS and PERSONAL PROTECTION.

SECTION 7: HANDLING & STORAGE

Handling
Avoid contact with eyes, skin and clothing. After handling, always wash hands thoroughly with soap and water. Avoid personal contact with any residue. Do not cut, weld, or reuse empty container.

Storage
Keep container tightly closed when not in use. Do not store near strong bases. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

Engineering Controls
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Personal Protection

Inhalation  A respiratory protection program that meets OSHA’s 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use. Use of an organic vapor mask or respirator is recommended.

Skin  Wear chemical resistant gloves such as: rubber, nitrile, neoprene, or latex when skin contact is possible. Protective clothing including gloves, apron, sleeves, boots, head and face protection should be worn depending on how the product is used. PPE should be cleaned thoroughly after each use.

Eyes  Penetone recommends always wearing safety glasses as a minimum in any workplace. Conditions may warrant the use of chemical goggles and possibly a face shield. Consult your standard operating procedure or safety professional for advice. Use protective eye and face devices that comply with ANSI Z87.1-1987.

Additional Remarks
Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the hazards and/or potential hazards that may be encountered during use.

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Component Name</th>
<th>Source</th>
<th>Value</th>
<th>Type</th>
<th>Notation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica</td>
<td>ACGIH</td>
<td>0.025 gm/m³</td>
<td>TWA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NIOSH</td>
<td>0.05 mg/m³</td>
<td>TWA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>0.1 mg/m³</td>
<td>TWA</td>
<td></td>
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</table>
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: white cream  
Odor: mint  
Odor Threshold: not determined  
PH: 2.1-3.1  
Melting Point / Freezing: about 25°F  
Boiling Point / Boiling Point Range: about 212°F  
Flash Point: not applicable  
Evaporation Rate: equal to water  
Flammability: not applicable  
Lower Flammable Limit: not applicable  
Upper Flammable Limit: not applicable  
Explosive Properties: not applicable  
Vapor Pressure: equal to water  
Relative Vapor Density: equal to water  
Relative Density: 1.25  
Solubility (Water): soluble in water  
Partition Coefficient (Kow): not determined  
Auto-ignition temperature: not applicable  
Decomposition temperature: not applicable  
Viscosity: less than 5 centipoise at room temperature

SECTION 10: STABILITY & REACTIVITY

Reactivity  
Product will react with bases.

Chemical Stability  
Stable.

Hazardous Reactions  
Mixing with bases. Hazardous polymerization will not occur.

Conditions to Avoid  
Do not store near bases.

Incompatible Materials  
Strong bases.

Hazardous Decomposition Products  
Smoke, fumes, and oxides of carbon and sulfur when taken to dryness and burned.

SECTION 11: TOXICOLOGICAL INFORMATION

Product Summary  
Based upon ingredient data, product is non-toxic by dermal exposure and toxic (Category 4) by oral exposure.  
Based upon ingredient information, product is expected to cause skin irritation and to cause eye damage.
Acute Toxicity:
  Dermal: LD50 >2,000 mg/kg (supplier information)
  Inhalation: LD50 > 20 mg/l (supplier information)
  Oral: LD50 >1075 mg/l (supplier information)

Skin Corrosion/Irritation
Irritating to skin (category 2) (supplier information)

Serious Eye Damage/Irritation
Corrosive to eyes (category 1) (supplier information)

Sensitization - Respiratory or Skin
Not a sensitizer (supplier information).

Germ Cell Mutagenicity
No data available

Carcinogenicity
Silica is listed by both IARC and NTP as a human carcinogen when present in the form of respirable quartz. The product, as delivered, does not contain respirable quartz. (Supplier information).

Reproductive / Developmental Toxicity
No data available.

Specific Target Organ Effects - Single Exposure
No data available.

Specific Target Organ Effects - Repeated or Prolonged Exposure
No data available.

Aspiration Hazard
No data available. Because of form of product, not considered an aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

Product Summary
This material is acidic and will lower the pH of surface waters with low buffering capacity.

Ecotoxicity
No data available.

Persistence and Degradability
Material is not persistent. All organic components are readily biodegradable. (Supplier information)

Other Adverse Effects
None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Product is a nonhazardous waste under RCRA definitions. Dispose of contents/container in accordance with all applicable federal, state, and local regulations.

Note: Contaminated product, soil, water, container residues and spill cleanup materials may be hazardous wastes. Appropriate hazardous waste designation is the responsibility of the user.
SECTION 14: TRANSPORT INFORMATION

ID No.: Not regulated
Proper Shipping Name: not applicable
Hazard Class: not applicable
Packing Group: not applicable
Label: not applicable
Marine Pollutant: no
RQ: none
Special Precautions: none

SECTION 15: REGULATORY INFORMATION

TSCA
The ingredients in this product are listed on the TSCA inventory.

RCRA HAZARD CLASS
Nonhazardous waste

SARA 311/312 REPORTABLE HAZARD CATEGORIES: Immediate (Acute) Health

REPORTING REQUIREMENTS (all quantities in pounds)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS / 313 Code</th>
<th>Section 302 (EHS) TPQ</th>
<th>Section 304 EHS RQ</th>
<th>CERCLA RQ</th>
<th>Section 313</th>
<th>CAA 112(r) TQ</th>
<th>CWA / OPA</th>
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</thead>
<tbody>
<tr>
<td>Sulfonic acid</td>
<td>27176-87-0</td>
<td></td>
<td></td>
<td>1,000</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Product RQ for component</td>
<td></td>
<td></td>
<td></td>
<td>25,000</td>
<td>2,250 gal</td>
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NEW JERSEY RIGHT-TO-KNOW INFORMATION
This product contains water (CAS# 7732-18-5), silica (CAS# 14808-60-7), C_{9-11} alcohol ethoxylate (CAS# 68439-46-3), and sulfonic acid (CAS 27176-87-0).

CALIFORNIA PROPOSITION 65 INFORMATION
This product contains a chemical recognized by the state of California to cause cancer: silica (CAS# 14808-60-7). Note: In its current form, no respirable quartz is present.

SCAQMD INFORMATION
Is there a photochemically reactive material present? No
What is the % by volume of photochemically reactive material? 0
What is the VOC content? 0
What is the vapor pressure of VOC's? 0

SECTION 16: OTHER INFORMATION

REVISION SUMMARY
Change in Section 1

SUPERSEDES ISSUE DATE
April 1, 2015
HAZARD RATING SYSTEMS:

<table>
<thead>
<tr>
<th></th>
<th>HMIS</th>
<th>NFPA</th>
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<tr>
<td>HEALTH</td>
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<td>2</td>
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<tr>
<td>FLAMMABILITY</td>
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<td>0</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>B</td>
<td></td>
</tr>
</tbody>
</table>

KEY

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

For additional product information, contact your sales engineer.
For additional health/safety information, call 201-567-3000.

The information presented herein has been compiled from sources considered to be dependable and accurate to the best of Penetone's knowledge. The information relates to this specific material. It may not be valid for this material if used in combination with any other materials or in any process. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his own particular use.