SECTION 1: IDENTIFICATION

Product name: PROTECTIVE CREAM 311
Recommended use: Protective hand cream
Physical Description: White cream with pleasant odor
Generic Ingredients: Water, petrolatum, stearic acid, mineral oil, emulsifiers, and emollients

Manufacturer: Penetone Corporation
125 Kingsland Ave.
Clifton, NJ 07014
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:

<table>
<thead>
<tr>
<th>Health:</th>
<th>Physical:</th>
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<tbody>
<tr>
<td>Not classified</td>
<td>Not classified</td>
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</table>

Under GHS guidelines, meets no classification criteria.

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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<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>30-50</td>
</tr>
<tr>
<td>Petrolatum</td>
<td>8009-95-1</td>
<td>10-20</td>
</tr>
<tr>
<td>Stearic acid</td>
<td>57-11-4</td>
<td>10-20</td>
</tr>
<tr>
<td>Mineral oil</td>
<td>8012-95-1</td>
<td>&lt;10</td>
</tr>
<tr>
<td>1,3-Butanediol</td>
<td>107-88-0</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Wax</td>
<td>8012-89-3</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Lanolin</td>
<td>8006-54-0</td>
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<tr>
<td>TEA stearate</td>
<td>10248-74-5</td>
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</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
Product is a hand cream and very mild. No adverse effects are anticipated. Slight temporary irritation to the eyes might occur.

Eyes
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists or develops: Get medical advice or attention. Penetone recommends that after any eye exposure a physician be seen immediately.

Ingestion
If swallowed: Rinse mouth. Call a poison center, doctor, physician or other competent medical authority if you feel unwell.

Inhalation
Due to product form and use, not an exposure route.
Skin
Skin protective cream. Non irritating.

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 determined  Upper Flammable Limit: Not determined

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 nitrogen when taken to dryness and burned.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Land Spill
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.

Water Spill
This is a viscous emulsion of water and hydrocarbon materials. Product will float and potentially could slowly dissolve. Recover product from surface of water by skimming. Check with local environmental regulatory agencies for reporting requirements.

See SECTION 8 for EXPOSURE CONTROLS and PERSONAL PROTECTION.

SECTION 7: HANDLING & STORAGE

Handling
No special requirements.

Storage
Keep container tightly closed when not in use. This is a product intended for personal care use. To avoid
contamination, do not store near other chemicals. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

Engineering Controls
None required.

Personal Protection
Inhalation Not applicable. Although there are OELs for mineral oil as a mist and stearic acid as a nuisance dust, the form of product precludes these from applying.

Skin Not applicable

Eyes Not applicable for this product.

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Component Name</th>
<th>Source</th>
<th>Value</th>
<th>Type</th>
<th>Notation</th>
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<tbody>
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</table>

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: white cream
Odor: pleasant fragrance
Odor Threshold: not determined
pH: 7-8
Melting Point / Freezing: about 32°F
Boiling Point / Boiling Point Range: about 212°F
Flash Point: none to boil
Evaporation Rate: equal to water
Flammability: not applicable
Lower Flammable Limit: not determined
Upper Flammable Limit: not determined
Explosive Properties: not applicable
Vapor Pressure: equal to water
Relative Vapor Density: not determined
Relative Density: 0.86
Solubility (Water): will very slowly emulsify
Partition Coefficient (K<sub>ow</sub>): not determined
Auto-ignition temperature: not determined
Decomposition temperature: not determined
Viscosity: 1,000 - 7,500 poise at room temperature

SECTION 10: STABILITY & REACTIVITY

Reactivity
Non reactive
Chemical Stability
Stable.

Hazardous Reactions
None.

Conditions to Avoid
This is a product intended for personal care use. To avoid contamination, do not store near other chemicals.

Incompatible Materials
Strong acids, bases, oxidizing materials.

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

SECTION 11: TOXICOLOGICAL INFORMATION

Product Summary
Product is a mild hand cream and non toxic.

Acute Toxicity:
- Dermal: LC50 > 3,000 mg/kg rabbit (estimated using additivity formula)
- Inhalation: no data available
- Oral: LC50 > 3,000 mg/kg rat (estimated using additivity formula)

Skin Corrosion/Irritation
Non-irritating based upon component data and comparison to similar products.

Serious Eye Damage/Irritation
Non-irritating based upon component data and comparison to similar products.

Sensitization - Respiratory or Skin
Not considered a skin sensitizer. Based upon component data.

Germ Cell Mutagenicity
Not considered to be mutagenic. Based upon component data.

Carcinogenicity
No material is listed by ACGIH, IARC, NTP, or OSHA as a carcinogen.

Reproductive / Developmental Toxicity
Not considered a reproductive or developmental toxicant. Based upon component data.

Specific Target Organ Effects - Single Exposure
No data available

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

Aspiration Hazard
Based upon product viscosity, does not present an aspiration hazard.
SECTION 12: ECOLOGICAL INFORMATION

Product Summary
Product usage would limit it getting into the environment.

Persistence and Degradability
No data available

Bioaccumulative Potential
No data available

Mobility in soil
No data available

Other Adverse Effects
None known

SECTION 13: DISPOSAL CONSIDERATIONS

Product is a nonhazardous 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 applicable, nonhazardous material
Proper Shipping Name: Not applicable
Hazard Class: Not applicable
Packing Group: Not applicable
Label: None
Marine Pollutant: Not applicable
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: None

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 (1)</th>
<th>Section 313</th>
<th>CAA 112(r) TQ</th>
<th>CWA / OPA</th>
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NEW JERSEY RIGHT-TO-KNOW INFORMATION
This product contains water (7732-18-5), petrolatum (CAS# 8009-95-1), stearic acid (CAS# 57-11-4), mineral oil (CAS# 8012-95-1), 1,3-butanediol (CAS# 107-88-0).

CALIFORNIA PROPOSITION 65 INFORMATION
This product does not contain any chemicals recognized by the state of California to cause cancer and/or birth defects or reproductive harm.

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? About 70 g/l
What is the vapor pressure of VOC's? Less than 0.1 mm Hg @ 20°C

SECTION 16: OTHER INFORMATION

REVISION SUMMARY
Change in Section 1

SUPERSEDES ISSUE DATE
April 1, 2015

HAZARD RATING SYSTEMS:

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<tr>
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<th>HMIS</th>
<th>NFPA</th>
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<tbody>
<tr>
<td>HEALTH</td>
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<tr>
<td>FLAMMABILITY</td>
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<td>0</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
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</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

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