1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers
- Product name: CLEAN N' SHINE Interior Cleaner & Conditioner
- Product identifier: NA-CSE
- Product Family: AQUEOUS MIXTURE

1.2 Relevant identified uses of the substance or mixture and uses advised against
- Identified Uses: Automotive detailing

1.3 Details of the supplier of the safety data sheet
- Company: NANOSKIN Car Care Products
  Total Import Solutions, Inc.
  14700 Radburn Ave.
  Santa Fe Springs, CA 90670
- Telephone: 562-691-6818
- Fax: 562-483-8333

1.4 Emergency telephone number
- Emergency phone #: PERS NORTH AMERICA 1-800-633-8253
  INTERNATIONAL 1-801-629-0667

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
- GHS Classification in accordance with 29 CFR 1910(OSHA HCS)
  - H314 Causes severe skin burns and eye damage
  - H318 Causes serious eye damage
- Precautionary Statements
  - P260 Do not breathe dust/fume/gas/mist/vapors/spray
  - P264 Wash thoroughly after handling
  - P280 Wear protective gloves/protective clothing/eye protection/face protection
  - P301+P330+P331 If swallowed: rinse mouth. Do NOT induce vomiting
  - P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
  - P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing
  - P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
  - P310 Immediately call a poison center/doctor
  - P363 Wash contaminated clothing before reuse
  - P405 Store locked up
  - P501 Dispose of contents/container to an approved waste disposal plant.

2.2 GHS Label elements, including precautionary statements
- SIGNAL WORD: DANGER
- Pictogram
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS number</th>
<th>Warnings</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td></td>
<td>80 - 90</td>
</tr>
<tr>
<td>Poly(dimethylsiloxane)</td>
<td>63148-62-9</td>
<td></td>
<td>1 - 5</td>
</tr>
<tr>
<td>Siloxanes and Silicones, dimethyl, polymers with 3-[(2-aminoethyl)amino]propyl silsesquioxanes, hydroxy-terminated</td>
<td>68554-54-1</td>
<td>Skin Irrit. 2, Eye Irrit. 2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>1-Dodecanamine, N,N-dimethyl-, N-oxide</td>
<td>1643-20-5</td>
<td>Skin Corr. 1B</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>Met. Corr. 1, Skin Corr. 1A, Eye Dam. 1</td>
<td>0.1 - 0.5</td>
</tr>
<tr>
<td>Disodium carbonate</td>
<td>497-19-8</td>
<td></td>
<td>0.1 - 0.5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid procedures

**After inhalation:**
Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious. If victim is conscious, rinse mouth with water and contact emergency number listed in section 1.4.

**After contact with skin:**
Immediately wash skin with soap and water. Causes skin burns. Seek immediate medical attention if irritation or allergic reaction is present.

**After contact with eyes:**
Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek immediate medical attention if redness or irritation occurs. Avoid agitation. Abrasives present in substance may scratch eyes. Remove contact lenses if able.

**After ingestion:**
Rinse mouth with water, contact poison control center or emergency number listed in section 1.4. Never give anything by mouth to an unconscious person.

**Advice to doctor / Treatment:**
None known.

5. FIRE FIGHTING MEASURES

**Hazardous combustion products:** carbon oxides

**Extinguishing media:** Use appropriate extinguishing media for surrounding fire.
**Special fire fighting procedure:** Apply alcohol-type or all purpose-type foams by manufacturers’ recommended techniques for large fires or water spray. Use carbon dioxide or dry chemical media for small fires. Use self-contained breathing apparatus and protective equipment. Cool endangered containers with water jet.

### 6. ACCIDENTAL RELEASE MEASURES

<table>
<thead>
<tr>
<th><strong>Personal Precautions</strong></th>
<th>Use personal protective equipment. Avoid breathing vapors, mist or gas. For personal protection see section 8.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Environmental Precautions</strong></td>
<td>Prevent further leakage or spillage if safe to do so. Do not let product enter drains.</td>
</tr>
<tr>
<td><strong>Methods for Containments and Clean-up</strong></td>
<td>Contain large spills as best as possible. Dam flow with appropriate materials and absorb centralized spillage with inert material such as vermiculite, cat litter or diamaceous earth. Sweep and dispose of as needed. For small spills, wipe away and wash affected area.</td>
</tr>
</tbody>
</table>

### 7. HANDLING AND STORAGE

<table>
<thead>
<tr>
<th><strong>Handling</strong></th>
<th>Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after handling.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Storage</strong></td>
<td>Keep container tightly closed in a dry and well-ventilated place.</td>
</tr>
</tbody>
</table>

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th><strong>Exposure Guideline Comments</strong></th>
<th>Exposure Limits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide (1310-73-2)</td>
<td>ACGIH Ceiling (mg/m³) 2 mg/m³</td>
</tr>
<tr>
<td>ACGIH</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (mg/m³) 2 mg/m³</td>
</tr>
<tr>
<td>IDLH</td>
<td>US IDLH (mg/m³) 10 mg/m³</td>
</tr>
<tr>
<td>NIOSH</td>
<td>NIOSH REL (ceiling) (mg/m³) 2 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Engineering Controls</strong></th>
<th>Adequate ventilation necessary.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Personal Protective Equipment (PPE)</strong></td>
<td>Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</td>
</tr>
<tr>
<td><strong>Eye/Face Protection</strong></td>
<td>Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.</td>
</tr>
<tr>
<td><strong>Skin Protection</strong></td>
<td>None required under normal product handling conditions.</td>
</tr>
<tr>
<td><strong>Respiratory Protection</strong></td>
<td>Wash hands before and after use and before smoking eating or drinking.</td>
</tr>
<tr>
<td><strong>General Hygiene Considerations</strong></td>
<td>Wash hands before and after use and before smoking eating or drinking.</td>
</tr>
</tbody>
</table>

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th><strong>Physical State</strong></th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>White emulsion</td>
</tr>
<tr>
<td><strong>Particle Size</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Lemon</td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>No Available Data</td>
</tr>
</tbody>
</table>
Boiling Point 200F
Decomposition Temperature No Available Data
Melting point 32F
Relative Density 1g/cm3
Bulk Density No Available Data
Solubility in Water 100%
Solubility in other liquids No Available Data
pH 12.5
Flash point No Available Data

10. STABILITY AND REACTIVITY
Chemical Stability Stable under recommended storage conditions.
Conditions to Avoid None
Hazardous Decomposition Products Carbon oxides
Possibility of Hazardous Reactions None

11. TOXICOLOGICAL INFORMATION
Acute Toxicity
Water (7732-18-5)
LD50 oral rat > 90 ml/kg

Sodium hydroxide (1310-73-2)
LD50 dermal rabbit 1350 mg/kg
ATE US (dermal) 1350 mg/kg

Poly(dimethylsiloxane) (63148-62-9)
LD50 oral rat > 24 g/kg

Disodium carbonate (497-19-8)
LD50 oral rat 4090 mg/kg
LC50 inhalation rat (mg/l) 2300 mg/m³ (Exposure time: 2 h)
ATE US (oral) 4090 mg/kg

Skin Irritation/Corrosion
Causes severe skin burns and eye damage.

Eye Irritation/Corrosion
Causes serious eye damage.

Respiratory or skin sensitization
May cause an allergic skin reaction.

Germ cell mutagenicity
Not classified.

Carcinogenicity
Not classified.

Effects of Short-Term (Acute) Exposure
Not classified.

Effects of Long-Term (Chronic) Exposure
Not classified.
12. ECOLOGICAL TOXICITY

12.1 Toxicity

Disodium carbonate (497-19-8)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>300 mg/l</td>
<td>(Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>265 mg/l</td>
<td>(Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>310 mg/l</td>
<td>(Exposure time: 96 h - Species: Pimephales promelas [static])</td>
</tr>
</tbody>
</table>

Sodium hydroxide (1310-73-2)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>45.4 mg/l</td>
<td>(Exposure time: 96 h - Species: Oncorhynchus mykiss [static])</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Disodium carbonate (497-19-8)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCF fish 1</td>
<td>(no bioaccumulation)</td>
</tr>
</tbody>
</table>

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be reused. Containers should be disposed of in accordance with government guidelines.

14. TRANSPORT INFORMATION

Shipping Information

Not UN rated.

Special Shipping Information

Not applicable.

NFPA/HMIS

2 HEALTH
0 FLAMMABILITY
0 REACTIVITY

15. REGULATORY INFORMATION

US Federal

<table>
<thead>
<tr>
<th>Substance</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (7732-18-5)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>1-Dodecanamine, N,N-dimethyl-, N-oxide (1643-20-5)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>Disodium carbonate (497-19-8)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
</tbody>
</table>
Siloxanes and Silicones, dimethyl, polymers with 3-{(2-aminooethyl)amino}propyl silsesquioxanes, hydroxy-terminated (68554-54-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag  XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

Sodium hydroxide (1310-73-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

CERCLA RQ  1000 lb

Poly(dimethylsiloxane) (63148-62-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag  XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

US State
Sodium hydroxide (1310-73-2)
U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

16. OTHER INFORMATION

SDS Prepared by  Total Import Solutions, Inc. dba NANOSKIN Car Care Products
Disclaimer
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