1. Product and Company Identification

Product Name: Spa Perfect
CAS #: Mixture
Product use: Eliminates waterline ring, clogged filters, chemical odors and eye irritation
Manufacturer: Natural Chemistry L.P.
40 Richards Ave.
Norwalk, CT 06854 US
Phone: (800) 753-1233
Emergency Phone: CHEMTREC (800) 424-9300

2. Hazards Identification

Emergency overview: None expected during normal conditions of use.
Potential short term health effects

- Routes of exposure: Eye, Skin contact, Inhalation, Ingestion.
- Eyes: Non-irritating by WHMIS/OSHA criteria.
- Skin: Non-irritating by WHMIS/OSHA criteria.
- Inhalation: None expected during normal conditions of use.
- Ingestion: May cause stomach distress, nausea or vomiting.
Target organs: None known.
Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms: There are no hazards associated with this product in normal use.
OSHA Regulatory Status: This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Potential environmental effects: Not available

3. Composition / Information on Ingredients

Composition comments: Non-hazardous by WHMIS/OSHA criteria

4. First Aid Measures

First aid procedures

- Eye contact: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
- Skin contact: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
- Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
- Ingestion: Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
General advice: If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties: Not flammable by WHMIS/OSHA criteria.
Extinguishing media

- Suitable extinguishing media: Treat for surrounding material.
- Unsuitable extinguishing media: Not available
Protection of firefighters
Specific hazards arising from the chemical
Not available
Protective equipment for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products
May include and are not limited to: Oxides of carbon.
Explosion data
Sensitivity to mechanical impact
Not available
Sensitivity to static discharge
Not available

6. Accidental Release Measures

Personal precautions
Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Environmental precautions
Do not discharge into lakes, streams, ponds or public waters.

Methods for containment
Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

7. Handling and Storage

Handling
Use good industrial hygiene practices in handling this material. Wash thoroughly after handling.

Storage
Keep out of reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Engineering controls
General ventilation normally adequate.

Personal protective equipment
Eye / face protection
Wear safety glasses with side shields.

Hand protection
Rubber gloves. Confirm with a reputable supplier first.

Skin and body protection
As required by employer code.

Respiratory protection
Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance
Cloudy
Color
Amber
Form
Liquid
Odor
Citrus
Odor threshold
Not available
Physical state
Liquid
pH
8 - 9
Melting point
Not available
Freezing point
32.00 °F (0 °C) ± 5°C
Boiling point
212.00 °F (100 °C) ± 10°C
Pour point
Not available
Evaporation rate
Not available
Flash point
Not available
Auto-ignition temperature
Not available
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability limits in air, lower, % by volume</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, upper, % by volume</td>
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<tr>
<td>Vapor pressure</td>
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<tr>
<td>Vapor density</td>
<td>Not available</td>
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<tr>
<td>Specific gravity</td>
<td>1.0045</td>
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<tr>
<td>Octanol/water coefficient</td>
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<tr>
<td>Solubility (H2O)</td>
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<tr>
<td>VOC (Weight %)</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Bulk density</td>
<td>8.37 lbs/gallon</td>
</tr>
<tr>
<td>Percent volatile</td>
<td>Not available</td>
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</tbody>
</table>

### 10. Stability and Reactivity

| Reactivity                                    | None known.                    |
| Possibility of hazardous reactions            | Hazardous polymerization does not occur. |
| Chemical stability                            | Stable under recommended storage conditions. |
| Conditions to avoid                           | Do not mix with other chemicals. |
| Incompatible materials                        | None known.                    |
| Hazardous decomposition products              | May include and are not limited to: Oxides of carbon. |

### 11. Toxicological Information

| Effects of acute exposure                      |                                  |
| Eye                                          | Non-irritating by WHMIS/OSHA criteria. |
| Skin                                         | Non-irritating by WHMIS/OSHA criteria. |
| Inhalation                                   | None expected during normal conditions of use. |
| Ingestation                                  | May cause stomach distress, nausea or vomiting. |
| Sensitization                                | Non-hazardous by WHMIS/OSHA criteria. |
| Chronic effects                              | Non-hazardous by WHMIS/OSHA criteria. |
| Carcinogenicity                              | Non-hazardous by WHMIS/OSHA criteria. |
| Mutagenicity                                 | Non-hazardous by WHMIS/OSHA criteria. |
| Reproductive effects                         | Non-hazardous by WHMIS/OSHA criteria. |
| Teratogenicity                               | Non-hazardous by WHMIS/OSHA criteria. |
| Name of Toxicologically Synergistic Products | Not available                    |

### 12. Ecological Information

| Ecotoxicity                                   | Not available                  |
| Persistence / degradability                  | Not available                  |
| Bioaccumulation / accumulation                | Not available                  |
| Mobility in environmental media              | Not available                  |
| Environmental effects                         | Not available                  |
| Aquatic toxicity                             | Not available                  |
| Partition coefficient                         | Not available                  |
| Chemical fate information                     | Not available                  |
| Other adverse effects                         | Not available                  |

### 13. Disposal Considerations

| Disposal instructions                         | Review federal, state/provincial, and local government requirements prior to disposal. |
| Waste from residues / unused products         | Not available                  |
14. Transport Information

U.S. Department of Transportation (DOT)
Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)
Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS status
Not Controlled

Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical
No

US Federal regulations
This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
No

Clean Water Act (CWA)
Not available

State regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Inventory name
Country(s) or region
Canada
Canada
United States & Puerto Rico

Inventory name
Domestic Substances List (DSL)
Non-Domestic Substances List (NDSL)
Toxic Substances Control Act (TSCA) Inventory

On inventory (yes/no)*
Yes
No
Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND
HMIS/NFPA

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
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Disclaimer
Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date
26-Mar-2013
Other information
For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.