# Kit Summary

**Product Name**: Vidal Sassoon Pro Series Hair Color Kits

<table>
<thead>
<tr>
<th>Kit Comment</th>
<th>SHADES Black 3/0</th>
<th>92231382 Dark Copper Red 6/41</th>
<th>92231386 Dark Brown 4/0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>92231383 Medium Golden Brown 5/3</td>
<td>92231394 Medium Cool Brown 5/1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>92231384 Medium Brown 5/0</td>
<td>92205000 Light Auburn 7/47</td>
<td>92231390</td>
</tr>
<tr>
<td></td>
<td>WITH DEVELOPER 95433458 AND CONDITIONER 95577707</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SHADES Medium Chocolate Brown 6/77</th>
<th>92231387 Light Golden Brown 6/3</th>
<th>92231395 Light Brown 6/0</th>
<th>92231385 Lightest Brown 7/0</th>
<th>92231388 Dark Cool Blonde 7/1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>92231389 Medium Golden Blonde 8/3</td>
<td>92205001 Medium Blonde 8/0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>92231391 Light Blonde 9/092231392 Extra Light Cool Blonde 10/01</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>92231393 Extra Light Blonde 10/0</td>
<td>92180173 WITH DEVELOPER 95440223 and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONDITIONER 95577707</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. PRODUCT AND COMPANY IDENTIFICATION

Product ID: 92231390

Product Name: Vidal Sassoon Pro Series Shade 6R Light Auburn 7/47 (9221390)

Product Type: Finished Product - Consumer (Retail) Use Only

Uses advised against: All other uses


E-mail Address: pgsds.im@pg.com

Emergency telephone: Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 01-800-681-9531

2. HAZARDS IDENTIFICATION

Emergency Overview: Irritating to eyes and skin

OSHA Regulatory Status: Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard.

WHMIS: WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.

Principle Routes of Exposure: None reasonably foreseeable.
### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia solution</td>
<td>1336-21-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Laureth-3</td>
<td>3055-94-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Resorcinol</td>
<td>108-46-3</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Phenol, 4-amino-3-methyl-</td>
<td>2835-99-6</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>2-Aminoethanol</td>
<td>141-43-5</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Phenol, 2-amino-6-chloro-4-nitro-</td>
<td>6356-09-4</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**General advice**
- Immediate medical attention is not required. When symptoms persist or in all cases of doubt seek medical advice.

**Eye contact**
- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.

**Skin contact**
- If skin problems occur, discontinue use. If symptoms persist, call a physician. In the case of skin irritation or allergic reactions see a physician.

**Ingestion**
- Rinse mouth with water and afterwards drink plenty of water or milk. Do NOT induce vomiting. May produce an allergic reaction.

**Inhalation**
- Move to fresh air. If symptoms persist, call a physician. Consult a physician. Hair colorants can cause severe allergic reactions.

**Protection of First-aiders**
- Use personal protective equipment.

**Most important symptoms/effects, acute and delayed**
- No information available.

**Notes to physician**
- May cause sensitization of susceptible persons.

### 5. FIRE-FIGHTING MEASURES

**Flash Point**
- No information available

**Suitable Extinguishing Media**
- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Extinguishing media which shall not be used for safety reasons**
- No information available

**Special Hazard**
- None known based on information supplied

**Special protective equipment for fire-fighters**
- As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific hazards arising from the chemical**
- Thermal decomposition can lead to release of irritating gases and vapors. May cause sensitization by inhalation and skin contact.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Avoid contact with skin, eyes and clothing.

Advice for emergency responders
Use personal protective equipment.

Environmental precautions
Should not be released into the environment.

Methods for Containment
No information available.

Methods for Cleaning up
No information available.

7. HANDLING AND STORAGE

Advice on safe handling
Observe label precautions. Avoid contact with skin, eyes and clothing.

Technical measures/Storage conditions
Keep out of the reach of children. Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures
Not applicable.

Personal Protective Equipment

Eye Protection
Avoid contact with eyes.

Hand Protection
Protective gloves.

Skin and body protection
Wear protective gloves/clothing.

Respiratory protection
No special protective equipment required

Thermal hazards
Not applicable.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls
See Section 6.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State @20°C</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>viscous liquid, beige, orange, cream</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Perfume</td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Values</td>
<td>Note</td>
</tr>
<tr>
<td>pH VALUE</td>
<td>9.5 - 11</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point/bolling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>&gt; 100</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity of Product</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity                                      | None under normal use conditions.          |
Stability                                       | Stable under normal conditions.            |
Hazardous Polymerization                        | Hazardous polymerization does not occur.   |
Hazardous Reactions                             | None under normal processing.              |
Conditions to Avoid                             | None under normal processing.              |
Materials to Avoid                               | None in particular.                        |
Hazardous Decomposition Products                | None under normal use.                     |
11. TOXICOLOGICAL INFORMATION

Product Information

**Acute toxicity**

Product does not present an acute toxicity hazard based on known or supplied information.

- **Inhalation**: No known effect based on information supplied.
- **Skin contact**: Irritating to skin.
- **Ingestion**: No known effect based on information supplied.
- **Eye contact**: Irritating to eyes.

**Chronic Toxicity**

- **Corrosivity**: No known effect.
- **Sensitization**: No known effect.
- **Neurological Effects**: No known effect.
- **Reproductive toxicity**: The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- **Mutagenic Effects**: There are no known mutagenic chemicals in this product.
- **Developmental Toxicity**: No known effect.
- **Teratogenicity**: No known effect.
- **Carcinogenicity**: Contains no ingredients above reportable quantities listed as a carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity

**Acute toxicity**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
<th>Toxicity to other organisms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resorcinol</td>
<td>97 mg/L (OECD 201, Pseudokirchnerella subcapitata, static, growth rate, 72 h)</td>
<td>LOEC (mortality and total embryotoxicity): 320 mg/L; LOEC (length): 100 mg/L and LOEC (weight): 32 mg/L (OECD Guide-line draft “Early Life Stage Test (ELS-Test)”, Oncorhynchus mykiss, freshwater)</td>
<td>&gt;=0.172 mg/l EC50 Daphnia magna 21d (OECD 211)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and degradability**: No information available.

**Bioaccumulative potential**: No information available.

**Mobility**: No information available.

**Other adverse effects**: No information available.
13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products  Dispose of in accordance with local regulations.

Contaminated packaging  Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT  Not regulated
TDG  Not regulated
MEX  Not regulated
IATA  Not regulated
ICAO  Not regulated
IMDG/IMO  Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia solution</td>
<td>1336-21-6</td>
<td>3.75585</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
Acute Health Hazard  No
Chronic Health Hazard No
Fire Hazard  No
Sudden Release of Pressure Hazard  No
Reactive Hazard  No

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia solution</td>
<td>1000 lb</td>
<td>-</td>
<td>RQ 1000 lb final RQ RQ 454 kg final RQ</td>
</tr>
<tr>
<td>Resorcinol</td>
<td>5000 lb</td>
<td>-</td>
<td>RQ 5000 lb final RQ RQ 2270 kg final RQ</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1000 lb</td>
<td>-</td>
<td>RQ 1000 lb final RQ RQ 454 kg final RQ</td>
</tr>
</tbody>
</table>

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.
Clean Water Act
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia solution</td>
<td>1000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Resorcinol</td>
<td>5000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65
This product is not subject to warning labeling under California Proposition 65

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia solution</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia solution</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia solution</td>
<td>X</td>
</tr>
<tr>
<td>Resorcinol</td>
<td>X</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>X</td>
</tr>
<tr>
<td>Sulfuric acid sodium salt (1:2)</td>
<td>X</td>
</tr>
</tbody>
</table>

International Regulations

Canada
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

International Inventories

TSCA
All intentionally-added components of this product(s) are listed on the US TSCA Inventory

DSL Complies

NDSL Complies

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
16. OTHER INFORMATION

Issuing Date: 02-Apr-2012
Revision Date: 28-Jan-2013

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of MSDS
1. PRODUCT AND COMPANY IDENTIFICATION

Product ID: 95433458
Product Name: Vidal Sassoon PrecisionMix™ Developer Creme 6%
Product Type: Finished Product - Consumer (Retail) and Professional Use
Recommended use: Personal Beauty Care Product
Uses advised against: All other uses
Synonyms: No information available
Manufacturer: The Procter & Gamble Company
Sharon Woods Innovation Center
11510 Reed Hartman Highway
Cincinnati OH 45202
E-mail Address: pgsds.im@pg.com
Emergency telephone: Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 01-800-681-9531

2. HAZARDS IDENTIFICATION

Emergency Overview: Irritating to eyes and skin

OSHA Regulatory Status: Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard. When used in a professional setting (at a much higher frequency and duration than a typical consumer) this material would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

WHMIS: WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.

Principle Routes of Exposure: Skin contact. Eye contact.

General Hazards: This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.
3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>7722-84-1</td>
<td>3 - 7</td>
</tr>
<tr>
<td>Sulfuric acid monododecyl ester sodium salt (1:1)</td>
<td>151-21-3</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Salicylic acid</td>
<td>69-72-7</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

General advice
No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.

Skin contact
If skin problems occur, discontinue use. If skin irritation persists, call a physician.

Ingestion
Rinse mouth. Drink plenty of water. Do NOT induce vomiting.

Inhalation
Not an expected route of exposure.

Protection of First-aiders
Use personal protective equipment.

Most important symptoms/effects, acute and delayed
None known.

Notes to physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point
Not applicable

Suitable Extinguishing Media
Dry chemical, CO₂, water spray or alcohol-resistant foam.

Extinguishing media which shall not be used for safety reasons
No information available

Special Hazard
This is a strong oxidizer and will react vigorously or explosively with many materials including fuels

Special protective equipment for fire-fighters
As in any fire, wear self-contained breathing apparatus and full protective gear.

Hazardous Combustion Products
The release of the following substances is possible in a fire: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Nitrogen oxides (NOx).
6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Avoid contact with eyes.

Advice for emergency responders
Use personal protective equipment.

Environmental precautions
Should not be released into the environment.

Methods for Containment
No information available.

Methods for Cleaning up
No information available.

7. HANDLING AND STORAGE

Advice on safe handling
Keep out of the reach of children. Observe label precautions. Avoid contact with skin, eyes and clothing.

Technical measures/Storage conditions
Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Engineering Measures
Not applicable.

Personal Protective Equipment

Eye Protection
Avoid contact with eyes.

Hand Protection
Protective gloves.

Skin and body protection
Wear protective gloves/clothing.

Respiratory protection
No special protective equipment required

Thermal hazards
Not applicable.

Hygiene measures
When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

Environmental Exposure Controls
Do not allow material to contaminate ground water system.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State @20°C</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>viscous liquid. Milky light beige emulsion.</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH VALUE</td>
<td>2.4 - 2.8</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>&gt; 1.00</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Slightly insoluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity of Product</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

| Reactivity                                    | None under normal use conditions.          |                            |
| Stability                                     | Stable under normal conditions.            |                            |
| Hazardous Polymerization                      | Hazardous polymerization does not occur.   |                            |
| Hazardous Reactions                           | None under normal processing.              |                            |
| Conditions to Avoid                           | Heat, flames and sparks. Protect from light.|                            |
| Materials to Avoid                            | None in particular.                        |                            |
| Hazardous Decomposition Products              | Oxygen.                                   |                            |
11. TOXICOLOGICAL INFORMATION

Product Information

**Acute toxicity**
Irritating to eyes and skin

**Principle Routes of Exposure**
Skin contact. Eye contact.

- **Inhalation**
  Not an expected route of exposure.
- **Skin contact**
  Irritating to skin.
- **Ingestion**
  No known effect based on information supplied.
- **Eye contact**
  Irritating to eyes.

**Chronic Toxicity**

- **Corrosivity**
  No known effect.
- **Sensitization**
  No known effect.
- **Neurological Effects**
  No known effect.
- **Reproductive toxicity**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- **Mutagenic Effects**
  There are no known mutagenic chemicals in this product.
- **Developmental Toxicity**
  No known effect.
- **Teratogenicity**
  No known effect.
- **Carcinogenicity**
  Contains no ingredients above reportable quantities listed as a carcinogen.

12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Acute toxicity**

- **Persistence and degradability**
  No information available.
- **Bioaccumulative potential**
  No information available.
- **Mobility**
  No information available.
- **Other adverse effects**
  No information available

13. DISPOSAL CONSIDERATIONS

- **Waste from Residues / Unused Products**
  Dispose of in accordance with local regulations.
- **Contaminated packaging**
  Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION
15. REGULATORY INFORMATION

### U.S. Federal Regulations

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

- Acute Health Hazard: yes
- Chronic Health Hazard: No
- Fire Hazard: No
- Sudden Release of Pressure Hazard: No
- Reactive Hazard: No

**CERCLA**
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>-</td>
<td>1000 lb</td>
<td>-</td>
</tr>
<tr>
<td>Phosphoric acid, sodium salt (1:2)</td>
<td>5000 lb</td>
<td>-</td>
<td>RQ 5000 lb final RQ RQ 2270 kg final RQ</td>
</tr>
</tbody>
</table>

**Food and Drug Administration (FDA)**
The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**
This product does not contain any HAPs.

**Clean Water Act**
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid, sodium salt (1:2)</td>
<td>5000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

**U.S. State Regulations**

**California Proposition 65**
This product is not subject to warning labeling under California Proposition 65

**U.S. State Regulations**
International Regulations

Canada
WHMIS Hazard Class
Not subject to WHMIS classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>X</td>
</tr>
<tr>
<td>Phosphoric acid, sodium salt (1:2)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>X</td>
</tr>
</tbody>
</table>

Perfumes contained with the products comply with appropriate IFRA guidance.

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

16. OTHER INFORMATION

Issuing Date: 02-Apr-2012
Revision Date: 28-Jan-2013

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of MSDS
Material Safety Data Sheet

Manufacturer

The Procter & Gamble Company
Sharon Woods Innovation Center
11510 Reed Hartman Highway
Cincinnati OH 45202

E-mail Address

pgsds.im@pg.com

Emergency telephone

Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./Canada) or 1-703-527-3887
Mexico toll free in country: 01-800-681-9531

1. PRODUCT AND COMPANY IDENTIFICATION

Product ID: 95440223
Product Name: Vidal Sassoon PrecisionMix™ Developer Creme 9%
Product Type: Finished Product - Consumer (Retail) and Professional Use
Recommended use: Personal Beauty Care Product
Uses advised against: All other uses
Synonyms: No information available

2. HAZARDS IDENTIFICATION

Emergency Overview
Irritating to eyes and skin

OSHA Regulatory Status
Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard. When used in a professional setting (at a much higher frequency and duration than a typical consumer) this material would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

WHMIS
WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.

Principle Routes of Exposure
Skin contact. Eye contact.

General Hazards
This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.
3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>7722-84-1</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Sulfuric acid monododecyl ester sodium salt (1:1)</td>
<td>151-21-3</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Salicylic acid</td>
<td>69-72-7</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

General advice
No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.

Skin contact
If skin problems occur, discontinue use. If skin irritation persists, call a physician.

Ingestion
Rinse mouth. Drink plenty of water. Do NOT induce vomiting.

Inhalation
Not an expected route of exposure.

Protection of First-aiders
Use personal protective equipment.

Most important symptoms/effects, acute and delayed
None known.

Notes to physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point
Not applicable

Suitable Extinguishing Media
Dry chemical, CO₂, water spray or alcohol-resistant foam.

Extinguishing media which shall not be used for safety reasons
No information available

Special Hazard
This is a strong oxidizer and will react vigorously or explosively with many materials including fuels

Special protective equipment for fire-fighters
As in any fire, wear self-contained breathing apparatus and full protective gear.

Hazardous Combustion Products
The release of the following substances is possible in a fire: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Nitrogen oxides (NOx).
6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Avoid contact with the skin and the eyes.

Advice for emergency responders
Use personal protective equipment.

Environmental precautions
Should not be released into the environment.

Methods for Containment
No information available.

Methods for Cleaning up
No information available.

7. HANDLING AND STORAGE

Advice on safe handling
Keep out of the reach of children. Observe label precautions. Avoid contact with skin, eyes and clothing.

Technical measures/Storage conditions
Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Engineering Measures
Not applicable.

Personal Protective Equipment

Eye Protection
Avoid contact with eyes.

Hand Protection
Protective gloves.

Skin and body protection
Wear protective gloves/clothing.

Respiratory protection
No special protective equipment required

Thermal hazards
Not applicable.

Hygiene measures
When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

Environmental Exposure Controls
Do not allow material to contaminate ground water system.
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C  
Liquid

Appearance  
Viscous liquid. Milky light beige emulsion.

Odor  
No information available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH VALUE</td>
<td>2.4 - 2.8</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
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<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
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<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>&gt; 1.00</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
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<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
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<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity of Product</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity  
None under normal use conditions.

Stability  
Stable under normal conditions.

Hazardous Polymerization  
Hazardous polymerization does not occur.

Hazardous Reactions  
None under normal processing.

Conditions to Avoid  
Heat, flames and sparks. Protect from light.

Materials to Avoid  
None in particular.

Hazardous Decomposition Products  
Oxygen.
11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity

Irritating to eyes and skin

Principle Routes of Exposure

Skin contact. Eye contact.

Inhalation

Not an expected route of exposure.

Skin contact

Irritating to skin.

Ingestion

No known effect based on information supplied.

Eye contact

Irritating to eyes.

Chronic Toxicity

Corrosivity

No known effect.

Sensitization

No known effect.

Neurological Effects

No known effect.

Reproductive toxicity

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

Mutagenic Effects

There are no known mutagenic chemicals in this product.

Developmental Toxicity

No known effect.

Teratogenicity

No known effect.

Carcinogenicity

Contains no ingredients above reportable quantities listed as a carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION
<table>
<thead>
<tr>
<th>DOT</th>
<th>UN/ID No</th>
<th>UN2984</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Hydrogen peroxide, aqueous solutions</td>
<td></td>
</tr>
<tr>
<td>Hazard class</td>
<td>5.1</td>
<td></td>
</tr>
<tr>
<td>Packing Group</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>Reportable Quantity (RQ)</td>
<td>Sodium phosphate dibasic: RQ(kg)=1.816</td>
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</tr>
<tr>
<td>Description</td>
<td>UN2984, Hydrogen peroxide, aqueous solutions, 5.1, III</td>
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<tr>
<td>Emergency Response Guide Number</td>
<td>140</td>
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<thead>
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<th>UN/ID No</th>
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<td>III</td>
<td></td>
</tr>
<tr>
<td>Description</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MEX</th>
<th>UN/ID No</th>
<th>UN2984</th>
</tr>
</thead>
<tbody>
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</tr>
<tr>
<td>Packing Group</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>ERG Code</td>
<td>5L</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>UN2984, Hydrogen peroxide, aqueous solution, 5.1, III</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ICAO</th>
<th>UN/ID No</th>
<th>UN2984</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Hydrogen peroxide, aqueous solution</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<th>UN/ID No</th>
<th>UN2984</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Hydrogen peroxide, aqueous solution</td>
<td></td>
</tr>
<tr>
<td>Hazard class</td>
<td>5.1</td>
<td></td>
</tr>
<tr>
<td>Packing Group</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>EmS No.</td>
<td>F-H, S-Q</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>UN2984, Hydrogen peroxide, aqueous solution, 5.1, III</td>
<td></td>
</tr>
</tbody>
</table>

### 15. REGULATORY INFORMATION

**U.S. Federal Regulations**

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**
Acute Health Hazard  
Chronic Health Hazard  
Fire Hazard  
Sudden Release of Pressure Hazard  
Reactive Hazard  

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<td>5000 lb</td>
<td>-</td>
<td>RQ 5000 lb final RQ RQ 2270 kg final RQ</td>
</tr>
</tbody>
</table>

Food and Drug Administration (FDA)  
The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)  
This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Volatile Organic Compounds</th>
<th>CAA (Clean Air Act) - 1990 Hazardous Air Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salicylic acid</td>
<td>Present</td>
<td>-</td>
</tr>
</tbody>
</table>

Clean Water Act  
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
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<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid, sodium salt (1:2)</td>
<td>5000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65  
This product is not subject to warning labeling under California Proposition 65

U.S. State Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>X</td>
</tr>
<tr>
<td>Phosphoric acid, sodium salt (1:2)</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide solution ...%</td>
<td>X</td>
</tr>
</tbody>
</table>

International Regulations

Page 23 / 31
Canada

WHMIS Hazard Class
Not subject to WHMIS classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Exempt</td>
</tr>
<tr>
<td>DSL</td>
<td>Exempt</td>
</tr>
<tr>
<td>NDSL</td>
<td>Exempt</td>
</tr>
</tbody>
</table>

Perfumes contained with the products comply with appropriate IFRA guidance.

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

16. OTHER INFORMATION

Issuing Date: 02-Apr-2012
Revision Date: 28-Jan-2013

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of MSDS
1. PRODUCT AND COMPANY IDENTIFICATION

Product ID: 95577707

Product Name  Vidal Sassoon HydraBlock ™ Color Preserving Conditioner

Product Type  Finished Product - Consumer (Retail) Use Only

Recommended use  Personal Beauty Care Product

Uses advised against  All other uses

Synonyms  No information available

Manufacturer  The Procter & Gamble Company
Sharon Woods Innovation Center
11510 Reed Hartman Highway
Cincinnati OH 45202

E-mail Address  pgsds.im@pg.com

Emergency telephone  Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 01-800-681-9531

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status  Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard.

WHMIS  WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.

Principle Routes of Exposure  Skin contact. Eye contact.

General Hazards  This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.
3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients
None

4. FIRST AID MEASURES

General advice
No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.

Skin contact
If skin problems occur, discontinue use. If symptoms persist, call a physician.

Ingestion
Not an expected route of exposure. If swallowed. Clean mouth with water and afterwards drink plenty of water.

Inhalation
Not an expected route of exposure.

Protection of First-aiders
Use personal protective equipment.

Most important symptoms/effects, acute and delayed
None known.

Notes to physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point
Not applicable

Suitable Extinguishing Media
Dry chemical, CO₂, water spray or alcohol-resistant foam.

Extinguishing media which shall not be used for safety reasons
No information available

Special Hazard
None known based on information supplied

Special protective equipment for fire-fighters
As in any fire, wear self-contained breathing apparatus and full protective gear.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions None under normal use conditions.
Advice for emergency responders Use personal protective equipment.
Environmental precautions Should not be released into the environment.
Methods for Containment No information available.
Methods for Cleaning up No information available.

7. HANDLING AND STORAGE

Advice on safe handling Keep out of the reach of children. Observe label precautions.
Technical measures/Storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Measures Not applicable.
Personal Protective Equipment
   Eye Protection No special protective equipment required.
   Hand Protection No special protective equipment required.
   Skin and body protection No special protective equipment required.
   Respiratory protection No special protective equipment required
   Thermal hazards Not applicable.
Hygiene measures None under normal use conditions.
Environmental Exposure Controls See Section 6.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State @20°C</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>viscous liquid, pale yellow, white, cream.</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
<td></td>
</tr>
<tr>
<td>pH VALUE</td>
<td>4.8 - 6.15</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Boiling point/bolling range</td>
<td>&gt; 100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>&gt; 0.95</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Slightly insoluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity of Product</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity                                       None under normal use conditions.
Stability                                        Stable under normal conditions.
Hazardous Polymerization                        Hazardous polymerization does not occur.
Hazardous Reactions                              None under normal processing.
Conditions to Avoid                               None under normal processing.
Materials to Avoid                                None in particular.
Hazardous Decomposition Products                 None under normal use.
11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity
Product does not present an acute toxicity hazard based on known or supplied information.

Principal Routes of Exposure
Skin contact. Eye contact.

Inhalation
No known effect based on information supplied.

Skin contact
No known effect based on information supplied.

Ingestion
No known effect based on information supplied.

Eye contact
No known effect based on information supplied.

Chronic Toxicity

Corrosivity
No known effect.

Sensitization
No known effect.

Neurological Effects
No known effect.

Reproductive toxicity
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

Mutagenic Effects
There are no known mutagenic chemicals in this product.

Developmental Toxicity
No known effect.

Teratogenicity
No known effect.

Carcinogenicity
Contains no ingredients above reportable quantities listed as a carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity

Persistence and degradability
No information available.

Bioaccumulative potential
No information available.

Mobility
No information available.

Other adverse effects
No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products
Dispose of in accordance with local regulations.

Contaminated packaging
Dispose of in accordance with local regulations.
14. TRANSPORT INFORMATION

DOT
Not regulated

TDG
Not regulated

MEX
Not regulated

IATA
Not regulated

ICAO
Not regulated

IMDG/IMO
Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Acute Health Hazard No
Chronic Health Hazard No
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edetic acid</td>
<td>5000 lb</td>
<td>-</td>
<td>RQ 5000 lb final RQ RQ 2270 kg final RQ</td>
</tr>
</tbody>
</table>

Food and Drug Administration (FDA)
The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edetic acid</td>
<td>5000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65
This product is not subject to warning labeling under California Proposition 65
U.S. State Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edetic acid</td>
<td>X</td>
</tr>
</tbody>
</table>

International Regulations

Canada
WHMIS Hazard Class
Not subject to WHMIS classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

International Inventories

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Exempt</td>
</tr>
<tr>
<td>DSL</td>
<td>Exempt</td>
</tr>
<tr>
<td>NDSL</td>
<td>Exempt</td>
</tr>
</tbody>
</table>

Perfumes contained with the products comply with appropriate IFRA guidance.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

16. OTHER INFORMATION

Issuing Date: 02-Apr-2012
Revision Date: 28-Jan-2013

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of MSDS