# Focus Safe 2 Clean Peroxide Cleaner

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 04/15/2015

## SECTION 1: Identification

### 1.1. Identification

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product form</td>
<td>Mixture</td>
</tr>
<tr>
<td>Product name</td>
<td>Focus Safe 2 Clean Peroxide Cleaner</td>
</tr>
<tr>
<td>Product code</td>
<td>155-9675</td>
</tr>
</tbody>
</table>

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Cleaners, liquids (all purpose cleaners, sanitary products, floor cleaners, glass cleaners, carpet cleaners, metal cleaners)

### 1.3. Details of the supplier of the safety data sheet

- American Cleaning Solutions
- 39-30 Review Avenue
- Long Island City, NY 11101
- T (718) 392-8080

### 1.4. Emergency telephone number

- Emergency number: INFOTRAC: 800-535-5053

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>GHS-US classification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation Category 2A</td>
<td>H319</td>
</tr>
<tr>
<td>Skin sensitization Category 1</td>
<td>H317</td>
</tr>
</tbody>
</table>

Full text of H statements: see section 16

### 2.2. Label elements

**GHS-US labeling**

- Hazard pictograms (GHS-US): ![GHS07]
- Signal word (GHS-US): Warning
- Hazard statements (GHS-US):
  - H317 - May cause an allergic skin reaction
  - H319 - Causes serious eye irritation
- Precautionary statements (GHS-US):
  - P261 - Avoid breathing dust/mist/spray
  - P264 - Wash hands and forearms thoroughly after handling
  - P272 - Contaminated work clothing must not be allowed out of the workplace
  - P280 - Wear protective gloves/eye protection/face protection
  - P302+P352 - If on skin: Wash with plenty of soap and water
  - P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
  - P321 - Specific treatment (see First aid measures on this label)
  - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
  - P337+P313 - If eye irritation persists: Get medical advice/attention
  - P362+P364 - Take off contaminated clothing and wash it before reuse
  - P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

### 2.3. Other hazards

- No additional information available

### 2.4. Unknown acute toxicity (GHS US)

- Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substance

- Not applicable
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3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide, conc=35%, aqueous solution</td>
<td>(CAS No) 7722-84-1</td>
<td>10 - 20</td>
<td>Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335</td>
</tr>
<tr>
<td>(+)-limonene</td>
<td>(CAS No) 5989-27-5</td>
<td>&lt; 1</td>
<td>Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see First aid measures on this label). If skin irritation or rash occurs:

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May cause an allergic skin reaction.

Symptoms/injuries after skin contact: Causes skin irritation.

Symptoms/injuries after eye contact: Causes serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.
SECTION 7: Handling and storage
7.1. Precautions for safe handling
Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust/mist/spray.

Hygiene measures: Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters

| Hydrogen Peroxide, conc=35%, aqueous solution (7722-84-1) | Not applicable |
| (+)-limonene (5989-27-5) | Not applicable |

8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear protective gloves/eye protection/face protection protective gloves.

Eye protection: Chemical goggles or safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Wear appropriate mask.

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

| Physical state | Liquid |
| Color | amber |
| Odor | orange |
| Odor threshold | No data available |
| pH | 4 - 5 |
| pH solution | 5 - 5.3 |
| Melting point | No data available |
| Freezing point | No data available |
| Boiling point | 212 - 220 °F |
| Flash point | ≥ 200 °F |
| Relative evaporation rate (butyl acetate=1) | No data available |
| Flammability (solid, gas) | Non flammable. |
| Vapor pressure | No data available |
| Relative vapor density at 20 °C | Same as water |
| Relative density | 1.03 |
| Solubility | Soluble in water. |
| Log Pow | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity, kinematic | No data available |
Viscosity, dynamic : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials
Strong acids. Strong bases.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

(+)-limonene (5989-27-5)

<table>
<thead>
<tr>
<th>Substance</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>4400 mg/kg body weight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; &gt; 2000 mg/kg bodyweight; Rat; Read-across)</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 5000 mg/kg body weight (Rabbit; Weight of evidence; Equivalent or similar to OECD 402)</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>4400.000 mg/kg body weight</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation : Not classified (That information is based on our current knowledge and experience).

Serious eye damage/irritation : Causes serious eye irritation. Not classified (That information is based on our current knowledge and experience).

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Hydrogen Peroxide, conc=35%, aqueous solution (7722-84-1)

<table>
<thead>
<tr>
<th>Substance</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
<td>3 - Not classifiable</td>
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</tbody>
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(+)-limonene (5989-27-5)

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Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation : May cause an allergic skin reaction.
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Symptoms/injuries after skin contact: Causes skin irritation.
Symptoms/injuries after eye contact: Causes serious eye damage.

SECTION 12: Ecological information

12.1. Toxicity

**Hydrogen Peroxide, conc=35%, aqueous solution (7722-84-1)**
- LC50 fish 1: 16.4 mg/l (LC50; 96 h)
- EC50 other aquatic organisms 1: 2.5 mg/l (72 h; Chlorella vulgaris)
- EC50 Daphnia 2: 7.7 mg/l (EC50; 24 h)
- (+)-limonene (5989-27-5)
  - LC50 fish 1: 720 μg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flow-through system; Fresh water; Experimental value)
  - EC50 Daphnia 1: 0.36 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
  - Threshold limit algae 1: 150 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Read-across)

12.2. Persistence and degradability

**Focus Safe 2 Clean Peroxide Cleaner**
Persistence and degradability: Not established.

**Hydrogen Peroxide, conc=35%, aqueous solution (7722-84-1)**
- Persistence and degradability: Biodegradability: not applicable. No (test)data on mobility of the components available. Photoysis in the air.
- Biochemical oxygen demand (BOD): Not applicable
- Chemical oxygen demand (COD): Not applicable
- ThOD: Not applicable

**(+)-limonene (5989-27-5)**
- Persistence and degradability: Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil.
- ThOD: 3.29 g O₂/g substance

12.3. Bioaccumulative potential

**Focus Safe 2 Clean Peroxide Cleaner**
Bioaccumulative potential: Not established.

**Hydrogen Peroxide, conc=35%, aqueous solution (7722-84-1)**
- Log Pow: -1.36
- Bioaccumulative potential: Bioaccumulation: not applicable.

**(+)-limonene (5989-27-5)**
- BCF fish 1: 864.8 - 1022 (BCF; Pisces)
- Log Pow: 4.38 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 37 °C)
- Bioaccumulative potential: Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).

12.4. Mobility in soil

**(+)-limonene (5989-27-5)**
- Log Koc: Koc, SRC PCKOCWIN v2.0; 1120 - 6324; QSAR

12.5. Other adverse effects

Effect on the global warming: No known effects from this product.
GWPmix comment: No known effects from this product.
Other information: Avoid release to the environment.
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/regional/national/international regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT

Other information : No supplementary information available.

TDG

Transport by sea

Air transport

SECTION 15: Regulatory information

15.1. US Federal regulations

Hydrogen Peroxide, conc=35%, aqueous solution (7722-84-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Not subject to reporting requirements of the United States SARA Section 313

(+)-limonene (5989-27-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA
No additional information available

EU-Regulations
No additional information available

National regulations
No additional information available

15.3. US State regulations
No additional information available

SECTION 16: Other information

Revision date : 04/15/2015

Other information : None.

Full text of H-phrases:

H226 Flammable liquid and vapor
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H319 Causes serious eye irritation
H335 May cause respiratory irritation
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HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection : B

B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.