1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Swisher Clear Effect

Swisher number: 42125-5

Reference number: 

Distributor number: 

UN/ID No: UN2984

Recommended use: Laundry Destainer

Distributor:
Swisher Hygiene Inc.,
4725 Piedmont Row Drive,
Suite 400,
Charlotte, NC 28210

Chemical Emergency Phone Number: 800-424-9300 (Chemtrec)

Company Emergency Phone Number: 800-444-4138

2. HAZARDS IDENTIFICATION

Emergency Overview
This product contains substances which at their given concentration, are considered to be hazardous to health.

Appearance: Liquid.

Physical state: liquid.

Odor: Odorless

Potential Health Effects

Acute toxicity:

Eyes: Causes burns

Skin: Brief exposure will irritate the skin. Prolonged exposure causes irritation, blisters, and burns.

Inhalation: Severe respiratory irritant.

Ingestion: May cause burns of the mouth, throat, esophagus, and stomach.

Chronic Effects:

Eyes: Corrosion
Inhalation: Irritation of the upper respiratory tract.

Aggravated Medical Conditions: None known.

Environmental hazard: See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS
This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>37355-84-3</td>
<td>&lt;15 %</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**Eye contact**
Immediately flush thoroughly with cool water under low pressure for at least 15 minutes, holding lids apart and moving eye to ensure flushing of the entire surface. Call a physician.

**Skin contact**
Immediately flush with plenty of cool water for at least 15 minutes, while removing contaminated clothing and shoes. Call a physician immediately.

**Inhalation**
Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.

**Ingestion**
Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. If conscious give large quantities of water. If vomiting occurs spontaneously, keep airway clear. Seek medical attention.

**Notes to physician**
Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

**Flammable Properties**
Not flammable

**Flash point**
Flash point >200 °F

**Suitable Extinguishing Media**
Water spray, dry chemical, carbon dioxide (CO₂), or foam

**Explosion Data**

<table>
<thead>
<tr>
<th>Sensitivity to Mechanical Impact</th>
<th>none</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity to Static Discharge</td>
<td>none</td>
</tr>
</tbody>
</table>

**Specific hazards arising from the chemical**
Oxidizing agent. Contact with flammable liquids or vapors may cause immediate fire or explosion, especially if heated, or it may result in delayed explosion. Decomposition will release oxygen, which will increase the explosive limits and burning rate of flammable vapors.

**Protective Equipment and Precautions for Firefighters**
Wear self-contained breathing apparatus with a full facepiece and protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**
Ensure adequate ventilation

**Environmental precautions**
Try to prevent the material from entering drains or water courses

**Methods for Containment**
Prevent further leakage or spillage if safe to do so
Methods for cleaning up

Extinguish all ignition sources and contain by diking with a non-combustible absorbent. Flush spill area with water and allow peroxide to decompose. Dispose according to local, state, and federal regulations. Contains no phosphates.

7. HANDLING AND STORAGE

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice.

Technical measures/Storage conditions

Store in a cool dry place.

Never add any other product to container.

Never return unused product to container.

Do not use pressure to empty container.

Store away from other chemicals and potential sources of contamination. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Review Section 3 & 4 for Exposure Guidelines.

Engineering Measures

Showers

Eyewash stations

Ventilation systems

Personal Protective Equipment Institutional Environment

Eye/Face Protection

Safety glasses are suggested when using this product in heavy use and institutional environments.

Consumer Environments

Care should be taken to avoid Eye contact.

Skin and body protection

Rubber gloves

Respiratory protection

Unnecessary in open institutional environment.

Hygiene measures

Practice good personal hygiene. Wash after handling.

Personal Protective Equipment Industrial Environment

Eye/Face Protection

Splash-proof chemical goggles or face shield.

Skin and body protection

Impervious rubber, alkali-proof protective gloves Impervious rubber boots & apron.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures

Practice good personal hygiene. Wash after handling. Shower at end of work period.

Practice good personal hygiene. Wash after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid</td>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Color</td>
<td>colorless</td>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td></td>
<td>Odorless</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Freezing Point</td>
<td></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;200 °F</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&gt; 1</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>
Flammability Limits in Air
upper flammability limit
lower flammability limit
Explosion Limits
upper
lower
Vapor pressure
No information available
Vapor density
No information available
Specific Gravity
1.045
Water solubility
completely soluble
Solubility in other solvents
No information available
Partition coefficient: n-octanol/water
No information available
Autoignition temperature
No information available
Decomposition temperature
No information available
Viscosity, kinematic
No information available
Viscosity, dynamic
No information available
Explosive properties
No information available
Oxidizing Properties
No information available
9.2 Other information
Softening point
No information available
Molecular Weight
No information available
VOC Content(%)
No information available
Density VALUE
No information available
Bulk Density VALUE
No information available

10. STABILITY AND REACTIVITY

Stability
Stable
Incompatible products
Reducing agents, combustible materials, organic materials, metals, cyanides, acids
Conditions to Avoid
None known based on information supplied
Hazardous Decomposition Products
Releases oxygen gas, which in a confined space will increase explosive limits.
Hazardous Polymerization
Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

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

Chronic toxicity

Chronic toxicity
Eyes: Corrosion
Inhalation: Irritation of the upper respiratory tract.

Target Organ Effects
None known.

12. ECOLOGICAL INFORMATION
Ecotoxicity
The environmental impact of this product has not been fully investigated

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging
Do not re-use empty containers

14. TRANSPORT INFORMATION

Note
UN2984, Hydrogen Peroxide, Aqueous Solutions, 5.1, PG III

Dot
Proper shipping name
UN2984, Hydrogen Peroxide, Aqueous Solutions, 5.1, PG III
Hazard class
5.1
UN/ID No
UN2984
Packing Group
III

TDG
Not regulated

MEX
Not regulated

ICAO
Not regulated

ICAO/IATA
Not regulated

IMDG / IMO
Not regulated

RID
Not regulated

ADR/RID
Not regulated

ADN
Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL</td>
<td>-</td>
</tr>
<tr>
<td>NDSL</td>
<td>Complies</td>
</tr>
<tr>
<td>EINECS</td>
<td>-</td>
</tr>
<tr>
<td>ELINCS</td>
<td>-</td>
</tr>
<tr>
<td>ENCS</td>
<td>-</td>
</tr>
<tr>
<td>IECS</td>
<td>-</td>
</tr>
<tr>
<td>KECL</td>
<td>-</td>
</tr>
<tr>
<td>PICCS</td>
<td>-</td>
</tr>
<tr>
<td>AICS</td>
<td>-</td>
</tr>
</tbody>
</table>
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>Yes</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).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

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.

16. OTHER INFORMATION
No information available

End of Material Safety Data Sheet