



Material Safety Data Sheet

Issuing date 28-Dec-2011

Revision Date 13-Jul-2012

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Swisher Clear Effect III
Product code 42124-5
Reference number(s) 42124-15/ 42124-55
UN/ID No UN2014
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** Pungent

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 product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
Hydrogen peroxide	37355-84-3	< 35%

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	N/A			
Suitable Extinguishing Media	Flood with water.			
Explosion Data				
Sensitivity to Mechanical Impact	none			
Sensitivity to Static Discharge	none			
Specific hazards arising from the chemical	Highly reactive 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.			
NFPA	Health Hazard 0	Flammability 0	Stability 0	Physical and chemical hazards -
HMIS	Health Hazard 2	Flammability 0	Physical Hazard 1	Personal protection -

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	<p>Store in a cool dry place.</p> <p>Never add any other product to container.</p> <p>Never return unused product to container.</p> <p>Do not use pressure to empty container.</p> <p>Store away from other chemicals and potential sources of contamination Keep container tightly closed</p>

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	Review Section 3 & 4 for Exposure Guidelines.
Engineering Measures	<p>Showers</p> <p>Eyewash stations</p> <p>Ventilation systems</p>
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

Physical state	liquid	Odor	Pungent
Appearance	Liquid.	Odor Threshold	No information available
Color	colorless		
Property	Values	Remarks	Methods
pH		No information available	
Melting/freezing point		No information available	
Freezing Point		No information available	
Boiling point/boiling range	226 °F	No information available	
Flash Point		No information available	
Evaporation rate	> 1	No information available	
Flammability (solid, gas)		No information available	
Flammability Limits in Air		No information available	
upper flammability limit			
lower flammability limit			

Explosion Limits

upper		
lower		
Vapor pressure	18-24	No information available
Vapor density		No information available
Specific Gravity	1.13	No information available
Water solubility	completely soluble	No information available
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	unstable
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	UN2014, Hydrogen Peroxide Solution, 5.1, PG II
Dot	Regulated
Proper shipping name	UN2014, Hydrogen Peroxide Solution, 5.1, PG II
Hazard class	5.1
UN/ID No	UN2014
Packing Group	II
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>ICAO/IATA</u>	Not regulated
<u>IMDG / IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR/RID</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	TSCA
DSL	-
NDSL	Complies
EINECS	-
ELINCS	-
ENCS	-
IECSC	-
KECL	-
PICCS	-
AICS	-

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

Acute Health Hazard	no
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

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

Prepared By	Swisher Hygiene Inc. 4725 Piedmont Row Drive Suite 400 Charlotte, NC 28210
Issuing date	28-Dec-2011

Revision Date	13-Jul-2012
Revision Note	No information available
Disclaimer	

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text

End of Material Safety Data Sheet