



# Material Safety Data Sheet

Issuing date 03-Oct-2011

Revision Date 06-Oct-2011

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Swisher Clear RTU  
**Product code** 40117-32OZ  
**Recommended Use** No Rinse Sanitizer  
**EPA Registration Number** 6836-290-72802

### **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**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Appearance** Thin Liquid      **Physical state** liquid.      **Odor** Mild

### **Potential Health Effects**

#### **Acute toxicity**

**Eyes** Severe irritation and burning  
**Skin** Severe burns.  
**Inhalation** No known effect based on information supplied  
**Ingestion** Harmful or fatal if swallowed

**Chronic Effects** No known effect based on information supplied

**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).

## 4. FIRST AID MEASURES

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin contact</b>	Wash skin with soap and water See physician if irritation persists
<b>Inhalation</b>	Move to fresh air
<b>Ingestion</b>	Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY; NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
<b>Notes to physician</b>	Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	FLAMMABLE			
<b>Flash point</b>	Not determined. >200 °F			
<b>Suitable Extinguishing Media</b>	Water spray or fog, foam, dry chemical, carbon dioxide if product is involved.			
<b>Hazardous Combustion Products</b>	If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrous oxides; toxic vapors of amines and other organic materials.			
<b>Explosion Data</b>				
<b>Sensitivity to Mechanical Impact</b>	none			
<b>Sensitivity to Static Discharge</b>	none			
<b>Specific hazards arising from the chemical</b>	Use water spray to cool adjacent fire exposed containers. Product will not burn but may splatter if temperature exceeds boiling point.			
<b>Protective Equipment and Precautions for Firefighters</b>	Avoid exposure to fumes or vapors.			
<b>NFPA</b>	<b>Health Hazard</b> 0	<b>Flammability</b> 0	<b>Stability</b> 0	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	<b>Health Hazard</b> 1	<b>Flammability</b> 1	<b>Physical Hazard</b> 0	<b>Personal protection</b> B

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation
<b>Environmental precautions</b>	Try to prevent the material from entering drains or water courses
<b>Methods for Containment</b>	Dike large spills and pump to suitable containers.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers

## 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	KEEP OUT OF REACH OF CHILDREN DANGER Do not contaminate water, food, or feed Avoid all contact Avoid contact with skin, eyes and clothing Remove and wash contaminated clothing before re-use
<b>Technical measures/Storage conditions</b>	Store upright in original closed container.

## 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**

<b>Physical state</b>	liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Thin Liquid	<b>Odor Threshold</b>	No information available
<b>Color</b>	clear colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Methods</u>
pH	9.5	No information available	
Melting/freezing point		No information available	
Freezing Point		No information available	
Boiling point/boiling range	212 °F	No information available	
Flash Point	>200 °F	No information available	
Evaporation rate	NE	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	17	No information available	
Vapor density	NE	No information available	
Specific Gravity	1.00	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	

<b>Viscosity, dynamic</b>	
<b>Explosive properties</b>	No information available
<b>Oxidizing Properties</b>	No information available

**9.2 Other information**

<b>Softening point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content(%)</b>	No information available
<b>Density VALUE</b>	No information available
<b>Bulk Density VALUE</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable, protect from freezing.
<b>Incompatible products</b>	Strong oxidizing agents, reducing agent Anionics.
<b>Conditions to Avoid</b>	Protect from freezing.
<b>Hazardous Decomposition Products</b>	If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrous oxides; toxic vapors of amines and other organic materials.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
----------------------------	---

**Chronic toxicity**

<b>Target Organ Effects</b>	None known.
-----------------------------	-------------

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	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
<b>Contaminated packaging</b>	Do not re-use empty containers

## 14. TRANSPORT INFORMATION

<b>Note</b>	Disinfectant Solution, Not Regulated
<b>Dot</b>	Not regulated
<b>Proper shipping name</b>	Disinfectant Solution, Not Regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>ICAO/IATA</b>	Not regulated
<b>IMDG / IMO</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR/RID</b>	Not regulated
<b>ADN</b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	TSCA
<b>DSL</b>	Complies
<b>NDSL</b>	Complies
<b>EINECS</b>	Complies
<b>ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**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**

SARA TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION:  
SODIUM HYDROXIDE

For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

#### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	no
<b>Chronic Health Hazard</b>	no

---

<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Reactive Hazard</b>	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**

<b>Prepared By</b>	Swisher Hygiene Inc. 4725 Piedmont Row Drive Suite 400 Charlotte, NC 28210
<b>Issuing date</b>	03-Oct-2011
<b>Revision Date</b>	06-Oct-2011
<b>Revision Note</b>	No information available
<b>Disclaimer</b>	

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**