



CL30577 CL30358  
CL35309 CL30359

# SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

## IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Identifier

Product Name Clorox Healthcare® Bleach Germicidal Wipes

### Other means of identification

EPA Registration Number 67619-12

### Recommended use of the chemical and restrictions on use

Recommended use Moistened disinfecting bleach wipes

Uses advised against No Information available

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

Supplier Address  
The Clorox Company  
1221 Broadway  
Oakland, CA 94612

Phone: 1-510-271-7000

### Emergency telephone number

Emergency Phone Numbers For Medical Emergencies call: 1-800-446-1014  
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

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**2. HAZARDS IDENTIFICATION**

**Classification**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**GHS Label elements, including precautionary statements**

**Emergency Overview**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).		
<b>Appearance</b> Clear, colorless liquid absorbed into white, non-woven wipes	<b>Physical State</b> Thin liquid absorbed into non-woven wipes	<b>Odor</b> Fruity, floral, bleach

**Precautionary Statements - Prevention**

None

**Precautionary Statements - Response**

None

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

21.8% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

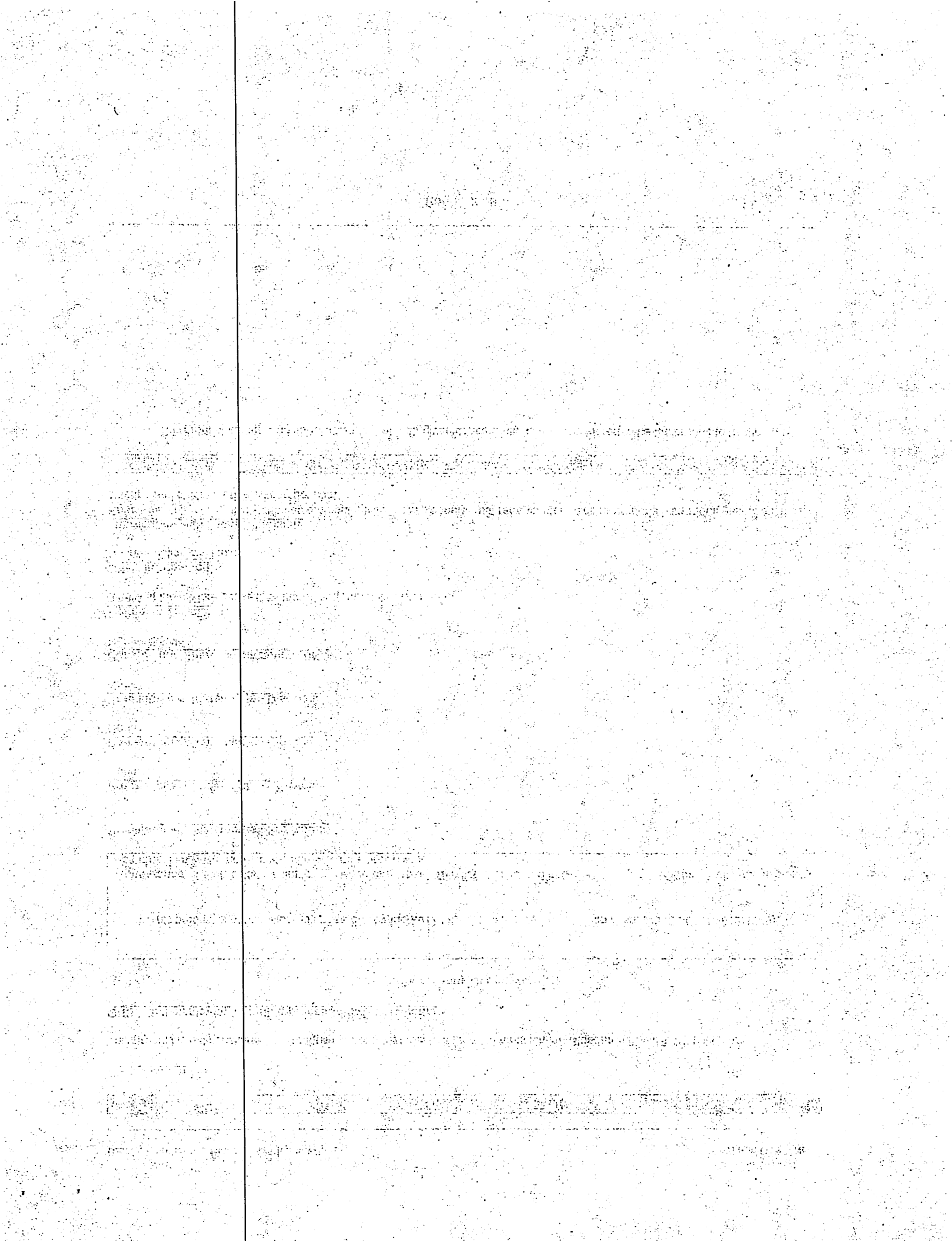
No information available

**Interactions with Other Chemicals**

Reacts with other chemicals such as ammonia, toilet bowl cleaners, rust removers or acids to produce hazardous gases, such as chlorine and other chlorinated compounds.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

This product contains no substances that at their given concentrations are considered to be hazardous to health.



**4. FIRST AID MEASURES****First aid measures**

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. If present, remove contact lenses after the first 5 minutes of rinsing, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Rinse skin with plenty of water. If irritation persists, call a doctor.
<b>Inhalation</b>	Move to fresh air. If breathing problems develop, call a doctor.
<b>Ingestion</b>	Drink a glassful of water. Call a doctor or poison control center.

**Most important symptoms and effects, both acute and delayed**

<b>Most Important Symptoms and Effects</b>	Liquid may cause eye irritation.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical****Hazardous Combustion Products**

Oxides of carbon.

**Explosion Data**

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

**Protective equipment and precautions for firefighters**

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

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods used to collect and analyze data. It includes a detailed description of the sampling process and the statistical techniques employed to ensure the reliability of the results.

3. The third part of the document presents the findings of the study. It shows that there is a significant correlation between the variables being studied, and that the results are consistent across different groups and time periods.

4. The fourth part of the document discusses the implications of the findings for policy-making and practice. It suggests that the results can be used to inform decisions about resource allocation and program evaluation.

5. The fifth part of the document concludes the study and provides a summary of the key points. It also identifies areas for further research and suggests ways to improve the quality of the data and the analysis.

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**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

- Personal Precautions** Avoid contact with eyes.
- Other Information** Refer to protective measures listed in Sections 7 and 8.

**Environmental precautions**

- Environmental Precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
- Methods for Cleaning Up** Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

**7. HANDLING AND STORAGE****Precautions for safe handling**

- Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

- Storage** Keep containers tightly closed in a dry, cool, and well-ventilated place.
- Incompatible Products** Ammonia, toilet bowl cleaners, rust removers, and acids.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

- Exposure Guidelines** This product does not contain any ingredients with occupational exposure limits that are at concentrations below their cut-off values/concentrations and that contribute to the hazard classification of the product.

**Appropriate engineering controls**

- Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

- Eye/Face Protection** No special protective equipment required.
- Skin and Body Protection** No special protective equipment required.
- Respiratory Protection** No protective equipment is needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required.
- Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

1. The first section discusses the importance of maintaining accurate records and the role of the auditor in this process.

2. The second section describes the various methods used to collect and analyze data, including interviews, surveys, and focus groups.

3. The third section outlines the procedures for identifying and assessing risks, as well as the development of risk management strategies.

4. The fourth section details the process of implementing internal controls and monitoring their effectiveness over time.

5. The fifth section discusses the role of communication in the audit process, including the preparation of audit reports and the communication of findings to management.

6. The sixth section addresses the ethical responsibilities of auditors and the importance of maintaining objectivity and integrity throughout the process.

7. The seventh section discusses the role of technology in modern auditing, including the use of data analytics and automated testing procedures.

8. The eighth section provides an overview of the audit process, from the initial planning phase to the final reporting and follow-up activities.

9. The ninth section discusses the challenges faced by auditors in today's complex and rapidly changing business environment.

10. The tenth section concludes with a summary of the key findings and recommendations of the study, along with suggestions for further research in this area.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Physical State	Liquid absorbed into non-woven wipes		
Appearance	Clear, thin liquid absorbed into non-woven wipes	Odor	Fruity, floral, bleach
Color	Colorless liquid - white non-woven wipes	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	12 - 12.5 (liquid)	None known
Melting/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	~1.0 (liquid)	None known
Water Solubility	Complete (liquid)	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive Properties	Not explosive	
Oxidizing Properties	No data available	

#### Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

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**10. STABILITY AND REACTIVITY**

**Reactivity**

Reacts with other chemicals such as ammonia, toilet bowl cleaners, rust removers or acids to produce hazardous gases, such as chlorine and other chlorinated compounds.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

Ammonia, toilet bowl cleaners, rust removers, and acids.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

- Inhalation Exposure to vapor or mist may irritate respiratory tract.
- Eye Contact Liquid may cause irritation.
- Skin Contact Liquid may cause slight irritation.
- Ingestion Ingestion of liquid may cause slight irritation to mucous membranes and gastrointestinal tract.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hypochlorite 7681-52-9	8200 mg/kg (Rat)	>10000 mg/kg (Rabbit)	-

**Information on toxicological effects**

**Symptoms** Liquid may cause redness and tearing of eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

1. Name of the person

2. Address of the person

3. Date of birth

4. Date of issue

5. Validity

6. Remarks

7. Signature

8. Date

9. Place

10. Authority

11. Remarks

12. Signature

13. Date

14. Place

15. Authority

16. Remarks

17. Signature

18. Date

19. Place

20. Authority

21. Remarks

22. Signature

23. Date

24. Place

25. Authority

26. Remarks

27. Signature

28. Date

29. Place

30. Authority

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9	-	Group 3	-	-

*IARC (International Agency for Research on Cancer)  
Group 3 - Not Classifiable as to Carcinogenicity in Humans*

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Chronic Toxicity** No known effect based on information supplied.  
**Target Organ Effects** Respiratory system, eyes, skin, gastrointestinal tract (GI).  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document  
 No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**  
 No information available.

**Persistence and Degradability**  
 No information available.

**Bioaccumulation**  
 No information available.

**Other adverse effects**  
 No information available.

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods**  
 Dispose of in accordance with all applicable federal, state, and local regulations.

**Contaminated Packaging**  
 Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated.  
**TDG** Not regulated.  
**ICAO** Not regulated.  
**IATA** Not regulated  
**IMDG/IMO** Not regulated

STATE OF MISSISSIPPI  
IN SENATE  
January 15, 1913.

REPORT  
OF THE  
COMMISSIONERS OF THE  
LAND OFFICE  
IN RESPONSE TO  
A RESOLUTION PASSED  
BY THE SENATE  
ON JANUARY 10, 1912.  
PREPARED BY  
W. W. WALKER,  
COMMISSIONER OF THE  
LAND OFFICE.  
MISSISSIPPI, 1913.

The following report of the  
Commissioners of the  
Land Office, in response to  
a resolution passed by the  
Senate on January 10, 1912,  
is respectfully submitted.

The first section of the  
report contains a general  
statement of the land  
resources of the State,  
and a summary of the  
work of the Land Office  
during the past year.  
The second section  
contains a detailed  
statement of the  
land resources of the  
State, and a summary  
of the work of the  
Land Office during  
the past year.

**15 REGULATORY INFORMATION**

**Chemical Inventories**

**TSCA** All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.  
**DSL/NDSL** All components are on the DSL or NDSL.

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

**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

**CWA (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)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite 7881-52-9	100 lb			X
Sodium hydroxide 1310-73-2	1000 lb			X

**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)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium hypochlorite 7881-52-9	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Sodium hydroxide 1310-73-2	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION:** Liquid causes moderate eye irritation. Do not get in eyes or on clothing. Avoid contact with clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. For sensitive skin or prolonged use, wear gloves.

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2. The second part of the document is a list of names and addresses of the members of the committee.

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**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium hypochlorite 7681-52-9	X	X	X	X	
Sodium hydroxide 1310-73-2	X	X	X	X	

**International Regulations****Canada**

WHMIS Hazard Class

Non-controlled

**16. OTHER INFORMATION**

**NFPA** Health Hazard 1 Flammability 0 Instability 1 Physical and Chemical Hazards none

**HMIS** Health Hazard 1 Flammability 0 Physical Hazard 1 Personal Protection A

Prepared By Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

Preparation/Revision Date January 5, 2015

Revision Note New

Reference 113851/121695.001/CLX51375001-002-A

**General 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 Safety Data Sheet

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Section 1: Introduction and background information.

Section 2: Detailed description of the subject.

Section 3: Analysis and discussion of the findings.

Section 4: Conclusions and recommendations.

Section 5: Final remarks and acknowledgments.

Table with multiple columns and rows, containing data or a list of items.

Section 6: Bibliography and references.

