



CLO30878

# SAFETY DATA SHEET

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Revision Date New

Revision Number 0

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

### Product identifier

**Product Name** Clorox® Clean-Up® Cleaner + Bleach<sub>1</sub> - Citrus Scent

### Other means of identification

**EPA Registration Number** 5813-21

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

**Recommended use** Disinfecting bleach spray cleaner

**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  
USA  
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


## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                                   |             |
|-----------------------------------|-------------|
| Skin corrosion/irritation         | Category 3  |
| Serious eye damage/eye irritation | Category 2A |

**GHS Label elements, including precautionary statements****Emergency Overview**

|   |                           |
|---|---------------------------|
| <b>Signal word</b>  | <b>Warning</b>            |
| <b>Hazard Statements</b><br>Causes mild skin irritation<br>Causes serious eye irritation<br> |                           |
| <b>Appearance</b>   | Clear, pale yellow        |
| <b>Physical State</b>   | Liquid                    |
| <b>Odor</b>   | Citrus, pineapple, bleach |

**Precautionary Statements - Prevention**

Wash hands and any exposed skin thoroughly after handling.  
 Wear eye protection/face protection such as safety glasses.

**Precautionary Statements - Response****Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin**

If skin irritation occurs: Get medical advice/attention.

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

The following medical conditions may be aggravated by exposure to high concentrations of vapor or mist: heart conditions or chronic respiratory problems such as asthma, emphysema, or obstructive lung disease.

**Unknown Toxicity**

0.12% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Toxic to aquatic life with long lasting effects

**Interactions with Other Chemicals**

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name       | CAS-No    | Weight % | Trade Secret |
|---------------------|-----------|----------|--------------|
| Sodium hypochlorite | 7681-52-9 | 1 - 5    | *            |
| Sodium hydroxide    | 1310-73-2 | 0.1 - 1  | *            |

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 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>                | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| <b>Skin Contact</b>               | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation develops, call a doctor.   |
| <b>Inhalation</b>                 | Move to fresh air. If breathing is affected, call a doctor.   |
| <b>Ingestion</b>                  | Call a poison control center or doctor immediately. Have person sip a glassful of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor.   |
| <b>Protection of First-aiders</b> | Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).  |

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

|  |                                  |
|--|----------------------------------|
| <b>Most Important Symptoms and Effects</b> | Stinging and irritation of eyes. |
|--|----------------------------------|

##### Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

#### 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

No information available.

##### Explosion Data

|   |       |
|---|-------|
| <b>Sensitivity to Mechanical Impact</b> | None. |
|---|-------|

|  |       |
|--|-------|
| <b>Sensitivity to Static Discharge</b> | None. |
|--|-------|

##### 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.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Avoid contact with eyes, skin, and clothing. Use personal protective equipment as required.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

**Environmental Precautions** See Section 12 for 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 skin, eyes or 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** Products containing ammonia, toilet bowl cleaners, rust removers, or acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name                 | ACGIH TLV                    | OSHA PEL                 | NIOSH IDLH   |
|-------------------------------|------------------------------|--------------------------|--|
| Sodium hydroxide<br>1310-73-2 | Ceiling: 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup> | IDLH: 10 mg/m <sup>3</sup><br>Ceiling: 2 mg/m <sup>3</sup> |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

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

|                                 |   |
|---------------------------------|---|
| <b>Eye/Face Protection</b>      | If splashes are likely to occur: Wear safety glasses with side shields (or goggles). None required for consumer use.  |
| <b>Skin and Body Protection</b> | Wear protective gloves and protective clothing.   |
| <b>Respiratory Protection</b>   | 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. |
| <b>Hygiene Measures</b>         | Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.   |

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and Chemical Properties**

|   |                      |                               |                           |
|---|----------------------|-------------------------------|---------------------------|
| <b>Physical State</b>                         | Liquid               | <b>Odor</b>                   | Citrus, pineapple, bleach |
| <b>Appearance</b>                             | Clear                | <b>Odor Threshold</b>         | No information available  |
| <b>Color</b>                                  | Pale yellow          |                               |                           |
| <b><u>Property</u></b>                        | <b><u>Values</u></b> | <b><u>Remarks/ Method</u></b> |                           |
| <b>pH</b>                                     | 12.4 - 12.8          | None known                    |                           |
| <b>Melting/freezing point</b>                 | No data available    | None known                    |                           |
| <b>Boiling point / boiling range</b>          | No data available    | None known                    |                           |
| <b>Flash Point</b>                            | Not flammable        | None known                    |                           |
| <b>Evaporation rate</b>                       | No data available    | None known                    |                           |
| <b>Flammability (solid, gas)</b>              | No data available    | None known                    |                           |
| <b>Flammability Limits in Air</b>             |                      |                               |                           |
| Upper flammability limit                      | No data available    | None known                    |                           |
| Lower flammability limit                      | No data available    | None known                    |                           |
| <b>Vapor pressure</b>                         | No data available    | None known                    |                           |
| <b>Vapor density</b>                          | No data available    | None known                    |                           |
| <b>Specific Gravity</b>                       | ~1.03                | None known                    |                           |
| <b>Water Solubility</b>                       | Soluble in water     | None known                    |                           |
| <b>Solubility in other solvents</b>           | No data available    | None known                    |                           |
| <b>Partition coefficient: n-octanol/water</b> | No data available    | None known                    |                           |
| <b>Autoignition temperature</b>               | No data available    | None known                    |                           |
| <b>Decomposition temperature</b>              | No data available    | None known                    |                           |
| <b>Kinematic viscosity</b>                    | No data available    | None known                    |                           |
| <b>Dynamic viscosity</b>                      | No data available    | None known                    |                           |
| <b>Explosive Properties</b>                   | Not explosive        |                               |                           |
| <b>Oxidizing Properties</b>                   | No data available    |                               |                           |
| <b><u>Other Information</u></b>               |                      |                               |                           |
| <b>Softening Point</b>                        | No data available    |                               |                           |
| <b>VOC Content (%)</b>                        | No data available    |                               |                           |
| <b>Particle Size</b>                          | No data available    |                               |                           |
| <b>Particle Size Distribution</b>             | No data available    |                               |                           |

## 10. STABILITY AND REACTIVITY

### Reactivity

Reacts with other household chemicals such as products containing 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

Products containing ammonia, toilet bowl cleaners, rust removers, vinegar, or acids.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Exposure to vapor or mist may irritate respiratory tract.  |
| <b>Eye Contact</b>  | May cause eye irritation.  |
| <b>Skin Contact</b> | Prolonged contact may cause irritation.  |
| <b>Ingestion</b>    | Ingestion may cause irritation to mucous membranes and gastrointestinal tract, nausea, vomiting, and diarrhea. |

#### Component Information

| Chemical Name                    | LD50 Oral        | LD50 Dermal           | LC50 Inhalation |
|----------------------------------|------------------|-----------------------|-----------------|
| Sodium hypochlorite<br>7681-52-9 | 8200 mg/kg (Rat) | >10000 mg/kg (Rabbit) | -               |
| Sodium hydroxide<br>1310-73-2    | -                | 1350 mg/kg (Rabbit)   | -               |

### Information on toxicological effects

**Symptoms** May cause redness and tearing of the 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.

**Carcinogenicity**

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

| Chemical Name                    | ACGIH | IARC    | NTP | OSHA |
|----------------------------------|-------|---------|-----|------|
| Sodium hypochlorite<br>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**

Carcinogenic potential is unknown.

**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

Not applicable

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Toxic to aquatic life with long lasting effects.

**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****UN-No**

UN3082

**Proper Shipping Name**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Hazard Class**

9

**Packing Group**

III

**Description**

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III, MARINE POLLUTANT

**ICAO**

|                      |   |
|----------------------|---|
| UN-No                | UN3082  |
| Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.                                       |
| Hazard Class         | 9   |
| Packing Group        | III   |
| Description          | UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III |

**IATA**

|                      |   |
|----------------------|---|
| UN-No                | UN3082  |
| Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.                                       |
| Hazard Class         | 9   |
| Packing Group        | III   |
| Description          | UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III |

**IMDG/IMO**

|                      |   |
|----------------------|---|
| UN-No                | UN3082  |
| Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.   |
| Hazard Class         | 9   |
| Packing Group        | III   |
| EmS No.              | F-A, S-F  |
| Marine Pollutant     | Product is a marine pollutant according to the criteria set by IMDG/IMO                                     |
| Description          | UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III, MARINE POLLUTANT |

**15. REGULATORY INFORMATION****Chemical Inventories**

|                 |  |
|-----------------|--|
| <b>TSCA</b>     | All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing. |
| <b>DSL/NDSL</b> | 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               | Yes |
| Chronic Health Hazard             | No  |
| Fire Hazard                       | No  |
| Sudden Release of Pressure Hazard | No  |
| Reactive Hazard                   | No  |



**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<br>7681-52-9 | 100 lb                      |                        |                           | X                          |
| Sodium hydroxide<br>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<br>7681-52-9 | 100 lb                   | –                                  | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |
| Sodium hydroxide<br>1310-73-2    | 1000 lb                  | –                                  | RQ 1000 lb final RQ<br>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:

**WARNING: EYE AND SKIN IRRITANT.** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Harmful if swallowed. For sensitive skin or prolonged use, wear gloves. Vapors may irritate. Avoid prolonged breathing of vapors. Use only in well ventilated areas. **Not recommended for use by persons with heart conditions or chronic respiratory problems such as asthma, emphysema or obstructive lung disease.**

**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<br>7681-52-9 | X          | X             | X            | X            |          |
| Sodium hydroxide<br>1310-73-2    | X          | X             | X            | X            |          |

**International Regulations****Canada****WHMIS Hazard Class**

D2B - Toxic materials



**16. OTHER INFORMATION**

**NFPA**      Health Hazard   2      Flammability   0      Instability   0      Physical and Chemical Hazards   -

**HMIS**      Health Hazard   2      Flammability   0      Physical Hazard   0      Personal Protection   B

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

Revision Date      New

Revision Note      New

Reference      1047703/157969.001

**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**