



# Chlorilizer Plus (AFCO 0251)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision Date: 03/03/2024

Version: 1.4

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

### Product Identifier

**Product Form:** Mixture

**Product Name:** Chlorilizer Plus

**Product Code:** AFCO 0251

### Intended Use of the Product

**Use of the Substance/Mixture:** Sanitizer for use on food contact surfaces. For professional use only.

**Product Dilution Information:** 0.02% to 0.15%

### Name, Address, and Telephone of the Responsible Party

#### **Company**

AFCO  
800 Development Avenue  
Chambersburg, PA 17201  
T: 800-345-1329

[www.afcocare.com](http://www.afcocare.com)

#### **Emergency Telephone Number**

**Emergency Number** : 1-800-424-9300 (CHEMTREC)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

**Classification (GHS-US)**

#### **PRODUCT as SOLD**

Met. Corr. 1 H290  
Skin Corr. 1B H314  
Eye Dam. 1 H318  
Aquatic Acute 1 H400  
Aquatic Chronic 2 H411

#### **PROUDUCT at USE DILUTION**

Not classified.

### Label Elements

**GHS-US Labeling**

#### **PRODUCT as SOLD**

**Hazard Pictograms (GHS-US)**



**Signal Word (GHS-US)**

: Danger.

**Hazard Statements (GHS-US)**

: H290 - May be corrosive to metals  
H314 - Causes severe skin burns and eye damage  
H318 - Causes serious eye damage  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

**Precautionary Statements (GHS-US)**

: P234 - Keep only in original container.  
P260 - Do not breathe vapors, mist, spray.  
P261 - Avoid breathing fume/gas/mist/vapors/spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated

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clothing. Rinse skin with water/shower.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor/physician.

P321 - Specific treatment (see section 4).

P363 - Wash contaminated clothing before reuse.

P390 - Absorb spillage to prevent material damage.

P391 - Collect spillage.

P405 - Store locked up.

P406 - Store in corrosive resistant container with a resistant inner liner.

P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

### PRODUCT at USE DILUTION

**Hazard Pictograms (GHS-US)** : No labeling required.

**Hazard Statements (GHS-US)** : None required.

**Precautionary Statements (GHS-US)** : None required.

### Other Hazards

**Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

**Unknown Acute Toxicity (GHS-US):** Not available.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

#### Mixture

| Name                | Product identifier | % (w/w)   | Classification (GHS-US)  |
|---------------------|--------------------|-----------|--|
| Water               | (CAS No) 7732-18-5 | 72 - 75.5 | Not classified   |
| Sodium chloride     | (CAS No) 7647-14-5 | 11 - 14.5 | Not classified   |
| Sodium hypochlorite | (CAS No) 7681-52-9 | 12.5      | Met. Corr. 1, H290<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>STOT SE 3, H335<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Sodium hydroxide    | (CAS No) 1310-73-2 | 1         | Met. Corr. 1, H290<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 3, H402   |

### PRODUCT at USE DILUTION

| Name                | Product identifier | % (w/w) | Classification (GHS-US)  |
|---------------------|--------------------|---------|--|
| Water               | (CAS No) 7732-18-5 | 90-100  | Not classified   |
| Sodium hypochlorite | (CAS No) 7681-52-9 | <0.01%  | Met. Corr. 1, H290<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>STOT SE 3, H335<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

Full text of H-phrases: see section 16.

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### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

##### PRODUCT as SOLD

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

##### PRODUCT at USE DILUTION:

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for several minutes. Wash contaminated clothing before reuse. If irritation occurs, get medical advice/attention.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists call a POISON CENTER or doctor/physician.

**Ingestion:** Rinse mouth and drink several glasses of water. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Most Important Symptoms and Effects Both Acute and Delayed

##### PRODUCT as SOLD

**General:** Causes severe skin burns and eye damage. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. May cause irritation of respiratory tract.

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Eye Contact:** Causes serious eye damage. Contact may cause immediate severe irritation progressing quickly to chemical burns.

**Ingestion:** Contact may cause immediate severe irritation progressing quickly to chemical burns.

**Chronic Symptoms:** Not available.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

### SECTION 5: FIREFIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide, foam, dry chemical.

**Unsuitable Extinguishing Media:** Ammonia or Nitrogen containing fire extinguishing agents. Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures. Contains sodium hypochlorite which may act as an oxidizer in some cases intensifying a fire.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Thermal decomposition generates: Corrosive vapors. If the product is involved in a fire, it can release toxic chlorine gases. Explosive hydrogen gas. When heated to decomposition, emits toxic fumes. Ammonium or nitrogen containing compounds can react with the sodium hypochlorite in this product releasing toxic chlorine gas. May be corrosive to metals.

#### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

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**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** May liberate toxic gases. Sodium oxides. Chlorine gas. Carbon oxides (CO, CO<sub>2</sub>). Explosive hydrogen gas.

**Other information:** Do not allow run-off from fire fighting to enter drains or water courses.

### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not allow product to spread into the environment. Do NOT breathe (vapors, mist, spray). Avoid all contact with skin, eyes, or clothing.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb spillage to prevent material damage. Contact competent authorities after a spill.

### Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** May be corrosive to metals. When heated to decomposition, emits toxic fumes. May produce explosive hydrogen gas on contact with incompatibilities or upon thermal decomposition. Ammonium or nitrogen containing compounds can react with the sodium hypochlorite in this product releasing toxic chlorine gas. Contains sodium hypochlorite which may act as an oxidizer in some cases intensifying a fire.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations. May be corrosive to metals.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from extremely high or low temperatures, direct sunlight, heat, incompatible materials.

**Incompatible Materials:** Strong acids. Soft metals. May be corrosive to metals. Nitrogen containing compounds, ammonium compounds.

**Special Rules on Packaging:** Keep only in original container.

### Specific End Use(s)

Sanitize food contact surfaces in dairies, meat and poultry and other food processing plants. For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

| Sodium hydroxide (1310-73-2) |  |                     |
|------------------------------|--|---------------------|
| Mexico                       | OEL Ceiling (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> |
| USA ACGIH                    | ACGIH Ceiling (mg/m <sup>3</sup> )       | 2 mg/m <sup>3</sup> |
| USA OSHA                     | OSHA PEL (TWA) (mg/m <sup>3</sup> )      | 2 mg/m <sup>3</sup> |
| USA NIOSH                    | NIOSH REL (ceiling) (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup> |

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|          |                                  |                      |
|----------|----------------------------------|----------------------|
| USA IDLH | US IDLH (mg/m <sup>3</sup> )     | 10 mg/m <sup>3</sup> |
| Ontario  | OEL Ceiling (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup>  |
| Québec   | PLAFOND (mg/m <sup>3</sup> )     | 2 mg/m <sup>3</sup>  |

### Exposure Controls

#### PRODUCT as SOLD

**Appropriate Engineering Controls:** Alarm detectors should be used when toxic gases may be released. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas. If user operations generate fumes, gas, vapors, spray, or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or regulatory limits.

**Personal Protective Equipment:** Protective goggles. Face shield. Protective clothing. Gloves.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Corrosionproof clothing.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or face shield.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** A respirator is not needed under normal and intended conditions of use. If airborne concentrations of vapor or mist are expected to exceed exposure limits, use NIOSH-approved respirator.

**Other Information:** When using, do not eat, drink or smoke.

#### PRODUCT at USE DILUTION:

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective goggles. Gloves.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles.

**Skin and Body Protection:** None usually needed.

**Respiratory Protection:** None usually needed.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|  |                     |
|--|---------------------|
| Physical State                             | : Liquid            |
| Appearance                                 | : Pale-yellow green |
| Odor                                       | : Chlorine          |
| Odor Threshold                             | : Not available     |
| pH   | : 10.4 (1%)         |
| Relative Evaporation Rate (butylacetate=1) | : Not available     |
| Melting Point                              | : Not available     |
| Freezing Point                             | : Not available     |
| Boiling Point                              | : None              |
| Flash Point                                | : None              |
| Auto-ignition Temperature                  | : None              |

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|   |                 |
|---|-----------------|
| Decomposition Temperature                         | : Not available |
| Flammability (solid, gas)                         | : Not available |
| Lower Flammable Limit                             | : Not available |
| Upper Flammable Limit                             | : Not available |
| Vapor Pressure                                    | : Not available |
| Relative Vapor Density at 20°C                    | : Not available |
| Specific Gravity                                  | : 1.2           |
| Solubility  | : Complete      |
| Log Pow   | : Not available |
| Log Kow   | : Not available |
| Viscosity, Kinematic                              | : Not available |
| Viscosity, Dynamic                                | : Not available |
| Explosion Data – Sensitivity to Mechanical Impact | : Not available |
| Explosion Data – Sensitivity to Static Discharge  | : Not available |

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Thermal decomposition generates: Corrosive vapors. If the product is involved in a fire, it can release toxic chlorine gases. Explosive hydrogen gas. When heated to decomposition, emits toxic fumes. Ammonium or nitrogen containing compounds can react with the sodium hypochlorite in this product releasing toxic chlorine gas. May be corrosive to metals.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Heat. combustible materials. Incompatible materials.

**Incompatible Materials:** Strong acids. Metals. May be corrosive to metals. Nitrogen containing compounds, ammonium compounds.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Thermal decomposition generates: Corrosive vapors. Toxic gases. Chlorine gas. Hydrogen gas. Sodium oxides.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects

##### PRODUCT as SOLD

**Acute Toxicity:** Not classified.

**LD50 and LC50 Data:** Not available.

**Skin Corrosion/Irritation:** Causes severe skin burns and eye damage. (pH(1%): 10.4)

**Serious Eye Damage/Irritation:** Causes serious eye damage. (pH(1%): 10.4)

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

**Teratogenicity:** Not available.

**Carcinogenicity:** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** Not classified.

**Aspiration Hazard:** Not classified.

**Symptoms/Injuries After Inhalation:** May cause respiratory irritation.

**Symptoms/Injuries After Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Symptoms/Injuries After Eye Contact:** Causes serious eye damage. Contact may cause immediate severe irritation progressing quickly to chemical burns.

**Symptoms/Injuries After Ingestion:** Contact may cause immediate severe irritation progressing quickly to chemical burns.

##### PRODUCT at USE DILUTION:

**Acute Toxicity:** Not classified.

**LD50 and LC50 Data:** Not available.

**Skin Corrosion/Irritation:** Not classified. (pH: 7)

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**Serious Eye Damage/Irritation:** Not classified. (pH: 7)

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

**Teratogenicity:** Not available.

**Carcinogenicity:** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** Not classified.

**Aspiration Hazard:** Not classified.

**Symptoms/Injuries After Inhalation:** None.

**Symptoms/Injuries After Skin Contact:** May cause mild skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes mild eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

### Information on Toxicological Effects - Ingredient(s)

#### **LD50 and LC50 Data:**

| <b>Water (7732-18-5)</b>               |   |
|--|---|
| LD50 Oral Rat                          | >90000 mg/kg                              |
| <b>Sodium chloride (7647-14-5)</b>     |   |
| LD50 Oral Rat                          | 3 g/kg                                    |
| LC50 Inhalation Rat (mg/l)             | >42 g/m <sup>3</sup> (Exposure time: 1 h) |
| <b>Sodium hypochlorite (7681-52-9)</b> |   |
| LD50 Oral Rat                          | 8200 mg/kg                                |
| LD50 Dermal Rabbit                     | >10000 mg/kg                              |
| IARC Group                             | 3   |

## **SECTION 12: ECOLOGICAL INFORMATION**

### Toxicity

**Ecology - General:** Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

| <b>Sodium hypochlorite (7681-52-9)</b> |   |
|--|---|
| LC50 Fish 1                            | 0.06 (0.06 - 0.11) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1                         | 0.033 - 0.044 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                  |
| LC50 Fish 2                            | 4.5 (4.5 - 7.6) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])          |
| EC50 Daphnia 2                         | 0.033 (0.033 - 0.044) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])          |
| <b>Sodium hydroxide (1310-73-2)</b>    |   |
| LC50 Fish 1                            | 40 mg/l   |
| <b>Sodium chloride (7647-14-5)</b>     |   |
| LC50 Fish 1                            | 5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through]) |
| EC50 Daphnia 1                         | 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                    |
| LC50 Fish 2                            | 12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])                    |
| EC50 Daphnia 2                         | 340.7 (340.7 - 469.2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])          |

### Persistence and Degradability

| <b>Chlorilizer Plus (AFCO 0251)</b> |   |
|-------------------------------------|---|
| Persistence and Degradability       | May cause long-term adverse effects in the environment. |

### Bioaccumulative Potential

| <b>Chlorilizer Plus (AFCO 0251)</b> |                      |
|-------------------------------------|----------------------|
| Bioaccumulative Potential           | Not established.     |
| <b>Sodium chloride (7647-14-5)</b>  |                      |
| BCF fish 1                          | (no bioaccumulation) |

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**Mobility in Soil** Not available.

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Ecology – Waste Materials:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 In Accordance with DOT

**Proper Shipping Name** : HYPOCHLORITE SOLUTIONS  
**Hazard Class** : 8  
**Identification Number** : UN1791  
**Label Codes** : 8  
**Packing Group** : III  
**Marine Pollutant** : Yes  
**ERG Number** : 154



### 14.2 In Accordance with IMDG

**Proper Shipping Name** : HYPOCHLORITE SOLUTION  
**Hazard Class** : 8  
**Identification Number** : UN1791  
**Packing Group** : III  
**Label Codes** : 8  
**EmS-No. (Fire)** : F-A  
**EmS-No. (Spillage)** : S-B  
**Marine pollutant** : Yes



### 14.3 In Accordance with IATA

**Proper Shipping Name** : HYPOCHLORITE SOLUTION  
**Packing Group** : III  
**Identification Number** : UN1791  
**Hazard Class** : 8  
**Label Codes** : 8  
**ERG Code (IATA)** : 8L



### 14.4 In Accordance with TDG

**Proper Shipping Name** : HYPOCHLORITE SOLUTION  
**Packing Group** : II  
**Hazard Class** : 8  
**Identification Number** : UN1791  
**Label Codes** : 8



## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

|  |                                  |
|--|----------------------------------|
| Chlorilizer Plus (AFCO 0251)   |                                  |
| SARA Section 311/312 Hazard Classes  | Immediate (acute) health hazard. |
| Water (7732-18-5)  |                                  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory. |                                  |
| Sodium hypochlorite (7681-52-9)  |                                  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory. |                                  |
| Sodium hydroxide (1310-73-2)   |                                  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory. |                                  |



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### Sodium chloride (7647-14-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

### US State Regulations

#### Sodium hypochlorite (7681-52-9)

U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances.  
U.S. - New Jersey - Right to Know Hazardous Substance List.  
U.S. - New Jersey - Special Health Hazards Substances List.  
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances.  
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List.  
U.S. - Pennsylvania - RTK (Right to Know) List.  
U.S. - Texas - Effects Screening Levels - Long Term.  
U.S. - Texas - Effects Screening Levels - Short Term.

#### Sodium hydroxide (1310-73-2)

U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute.  
U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728).  
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances.  
U.S. - New Jersey - Right to Know Hazardous Substance List.  
U.S. - New Jersey - Special Health Hazards Substances List.  
U.S. - New York - Occupational Exposure Limits - TWAs.  
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances.  
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List.  
U.S. - Pennsylvania - RTK (Right to Know) List.  
U.S. - Texas - Effects Screening Levels - Long Term.  
U.S. - Texas - Effects Screening Levels - Short Term.

#### Sodium chloride (7647-14-5)

U.S. - Texas - Effects Screening Levels - Long Term.  
U.S. - Texas - Effects Screening Levels - Short Term.

### Canadian Regulations

#### Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### Sodium hypochlorite (7681-52-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### Sodium hydroxide (1310-73-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### Sodium chloride (7647-14-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 03/03/2024

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

|                   |   |
|-------------------|---|
| Aquatic Acute 1   | Hazardous to the aquatic environment - Acute Hazard Category 1.   |
| Aquatic Acute 3   | Hazardous to the aquatic environment - Acute Hazard Category 3.   |
| Aquatic Chronic 1 | Hazardous to the aquatic environment - Chronic Hazard Category 1. |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard Category 2. |
| Eye Dam. 1        | Serious eye damage/eye irritation Category 1.                     |
| Met. Corr. 1      | Corrosive to metals Category 1.                                   |

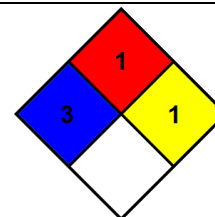
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|               |  |
|---------------|--|
| Skin Corr. 1A | Skin corrosion/irritation Category 1A.                       |
| Skin Corr. 1B | Skin corrosion/irritation Category 1B.                       |
| STOT SE 3     | Specific target organ toxicity (single exposure) Category 3. |
| H290          | May be corrosive to metals.                                  |
| H314          | Causes severe skin burns and eye damage.                     |
| H318          | Causes serious eye damage.                                   |
| H335          | May cause respiratory irritation.                            |
| H400          | Very toxic to aquatic life.                                  |
| H402          | Harmful to aquatic life.                                     |
| H410          | Very toxic to aquatic life with long lasting effects.        |
| H411          | Toxic to aquatic life with long lasting effects.             |

- NFPA Health Hazard** : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
- NFPA Fire Hazard** : 1 - Must be preheated before ignition can occur.
- NFPA Reactivity** : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



### HMIS III Rating

- Health** : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given.
- Flammability** : 1 - Slight Hazard.
- Physical** : 1 - Slight Hazard.

### Party Responsible for the Preparation of This Document

AFCO  
800 Development Avenue  
Chambersburg, PA 17201  
T: 800-345-1329

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

North America GHS SDS 2015 (U.S., Can., Mex.)