

# SIERRA INDUSTRIAL SAFETY DATA SHEET

## 1. IDENTIFICATION

**Product Identifier:** SANI CHLOR **Revision Date:** January 3, 2018  
**Product Code:** 407  
**Other Name(s):**  
**Distributed By:**  
**Recommended Use & Restrictions on Use:** Sanitizer, bleaching agent

**Manufactured By:** Sierra Industrial. Phone: 604-814-6303  
100-31413 Gill Ave In case of Emergency Only, phone  
Mission, BC V4S 0A9 CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification of Mixture:** Eye Damage/Irritation – Category 1  
Skin Corrosion/Irritation – Category 1

**Label Elements:**

Hazard Pictogram(s):



Signal Word: DANGER

**Hazard Statements:** Causes severe skin burns and eye damage.

**Precautionary Statements:**

**Prevention:** Do not breathe dusts or mists.  
Wash hands thoroughly after handling.  
Wear protective gloves, protective clothing, and eye/face protection.

**Response:** **IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting. Immediately call a poison centre or physician.  
**IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.  
**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or physician.  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison centre or physician.  
Absorb spillage to prevent material damage.

**Storage:** Store locked up.

**Disposal:** Dispose of the contents/container in accordance with local/regional/national/international regulations.

**Physical/health hazards not otherwise classified:**

Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical Name</u> | <u>Conc.</u> | <u>CAS #</u> | <u>Common Names</u> |
|----------------------|--------------|--------------|---------------------|
|----------------------|--------------|--------------|---------------------|

# SIERRA INDUSTRIAL SAFETY DATA SHEET

Sodium hypochlorite (12%)

100%

7681-52-9

bleach

## 4. FIRST AID MEASURES

### Necessary Measures:

**IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting. Immediately call a poison centre or physician.

**IF ON SKIN** (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or physician.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison centre or physician.

### Most important symptoms – acute and delayed:

Causes serious eye damage.

Causes severe skin burns and eye damage.

### Indication of immediate medical attention and treatment needed, if necessary:

Not applicable

## 5. FIRE FIGHTING MEASURES

### Suitable (and unsuitable) extinguishing media:

Use extinguishing media appropriate for surrounding fire.

### Specific hazards arising from the chemical (e.g.: hazardous combustion products):

May liberate produce chlorine gas and/or hydrogen chloride gas.

### Specific protective equipment and precautions for firefighters:

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective equipment. See Section 8.

### Environmental precautions:

Prevent from entering sewers, waterways or low areas.

### Methods and materials for containment and cleaning up:

Isolate hazard area and restrict access. Small spills: soak up with absorbent material and scoop into containers.

Large spills: Prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Do not breathe dusts or mists.

Wash hands thoroughly after handling.

Do not ingest. Avoid contact with eyes, skin and clothing.

### Conditions for safe storage, including any incompatibilities:

Store locked up.

Keep out of reach of children. Store in a cool, dry place.

# SIERRA INDUSTRIAL SAFETY DATA SHEET

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Control Parameters – Exposure limits:

| <u>Ingredient:</u>        | <u>Limit:</u>                     |
|---------------------------|-----------------------------------|
| Sodium hypochlorite (12%) | ACGIH TLV-TWA: 0.5 ppm (chlorine) |

### Appropriate engineering controls:

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

### Respiratory protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

### Other protection:

Wear protective gloves, protective clothing and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                       |
|--|-----------------------|
| <b>Appearance:</b>                                   | Pale yellow liquid    |
| <b>Odour:</b>  | Strong chlorine odour |
| <b>Odour threshold:</b>                              | Not available         |
| <b>pH:</b>   | 12.6; 1% solution 9.8 |
| <b>Melting/Freezing point:</b>                       | Not available         |
| <b>Initial boiling point and range:</b>              | Not applicable        |
| <b>Flash point:</b>                                  | Not available         |
| <b>Evaporation rate:</b>                             | Not available         |
| <b>Flammability (solid, gas):</b>                    | Not available         |
| <b>Upper/lower flammability or explosive limits:</b> | Not available         |
| <b>Vapour pressure:</b>                              | Not available         |
| <b>Vapour density:</b>                               | Not available         |
| <b>Relative density (specific gravity):</b>          | 1.167                 |
| <b>Solubility (ies):</b>                             | Soluble               |
| <b>Partition co-efficient n-octanol/water:</b>       | Not available         |
| <b>Auto-ignition temperature:</b>                    | Not available         |
| <b>Decomposition temperature:</b>                    | Not available         |
| <b>Viscosity:</b>                                    | Not available         |

## 10. STABILITY AND REACTIVITY

### Reactivity:

This material is considered to be non-reactive under normal use conditions.

### Chemical Stability:

Stable.

### Possibility of hazardous reactions:

Not available.

### Conditions to avoid:

Not applicable.

### Incompatible materials:

Oxidizers/Acid

### Hazardous decomposition products:

Not available.

# SIERRA INDUSTRIAL SAFETY DATA SHEET

## 11. TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

|  |  |
|--|--|
| <b>Inhalation:</b>   | Irritant of the nose and throat, causing coughing, difficulty breathing and pulmonary edema. |
| <b>Ingestion:</b>  | May be harmful if swallowed.   |
| <b>Eye contact:</b>  | Causes serious eye damage.   |
| <b>Skin contact:</b>                                       | Causes severe burns and eye damage.  |
| <b>Skin absorption:</b>                                    | Not available  |
| <b>Mutagenicity:</b>                                       | Not available  |
| <b>Carcinogenicity:</b>                                    | This information, if applicable, can be found in Section 2.                                  |
| <b>Reproductive toxicity:</b>                              | This information, if applicable, can be found in Section 2                                   |
| <b>Sensitization of product:</b>                           | This information, if applicable, can be found in Section 2                                   |
| <b>Specific Target Organ Toxicity – single exposure:</b>   | This information, if applicable, can be found in Section 2                                   |
| <b>Specific Target Organ Toxicity – repeated exposure:</b> | This information, if applicable, can be found in Section 2                                   |
| <b>Toxicological Data:</b>                                 |  |
| <u>Ingredient</u>  | <u>Data</u>  |
| Sodium hypochlorite (12%)                                  | Not available  |
| <b>Other Toxicological Information on Ingredients</b>      |  |
| Not applicable   |  |

## 12. ECOLOGICAL INFORMATION

|   |               |
|---|---------------|
| <b>Ecotoxicity:</b>                           | Not available |
| <b>Persistence and degradability:</b>         | Not available |
| <b>Bioaccumulative potential:</b>             | Not available |
| <b>Mobility in soil:</b>                      | Not available |
| <b>Other adverse effects:</b>                 | Not available |
| <b>Ecological Information on Ingredients:</b> | Not available |

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** All waste must be disposed according to local, provincial and federal regulations.

## 14. TRANSPORT INFORMATION

**TDG Classification:** UN 1791; HYPOCHLORITE SOLUTION; CLASS 8; PG III

## 15. REGULATORY INFORMATION

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

## 16. PREPARATION INFORMATION

|                             |   |
|-----------------------------|---|
| <b>Prepared by:</b>         | Technical Services Department, Concept Manufacturing Ltd., Ph: 250-491-5656 |
| <b>Date of Preparation:</b> | January 3, 2024   |
| <b>Date of Revision:</b>    | January 3, 2024   |

# SIERRA INDUSTRIAL SAFETY DATA SHEET

---

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and permission of  
Concept Manufacturing Ltd.

**Disclaimer:**

Concept Manufacturing expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information, contact Concept Manufacturing. If Chemical Name/CAS No states "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Users assume all risks of use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein.

The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

If user requires independent information on ingredients in this or any other material, contact the Canadian Centre For Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal, Quebec (514-873-3990).

**END OF DOCUMENT**