

## Section 1: IDENTIFICATION

**Product Name:** Clean Bee™  
**Additional Names:** Crown Bees Clean Bee™, Crown Bees Clean Bee™ Solution

**Distributor's Part Number:** SKU: 111019

**Recommended Use:** Surface and cocoon cleaner.

**Restrictions on Use:** External use only.

**Company:** Crown Bees  
 13410 NE 177<sup>th</sup> PI  
 Woodinville, WA 98072 USA

**Telephone:** 425-949-7954 (Mon – Fri, 1pm – 4pm PST)

**Email:** [info@crowbees.com](mailto:info@crowbees.com)

**Emergency Phone:** 425-949-7954

## Section 2: HAZARDS IDENTIFICATION

### Classification

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

### OSHA HCS 2012

#### Label Elements

**Signal Word:** Not applicable

**Hazard Symbol(s)/Pictogram(s):** See Section 16



**Hazard Statements:** The product contains no substance which at their given concentration, are considered to be hazardous to health.

**Precautionary Statements, Prevention:** Keep away from heat.

**Precautionary Statements, Response:** Not applicable.

**Precautionary Statements, Storage:** Keep only in the original container. Protect from sunlight.

**Precautionary Statements, Disposal:** None.

**Hazards Not Otherwise Classified:** Not applicable.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Mixture:** The product contains no substances which, at their given concentration, are considered to be hazardous to health.

<u>Ingredient</u>	<u>CAS Number</u>	<u>EINECS Number</u>	<u>Percent Range</u>
Water	7732-18-5	231-791-2	>98.985%
Sodium Chloride	7647-14-5	231-598-2	0.8-1.0%
Hypochlorous Acid	7790-92-3	232-232-5	0.013-0.015%

*Any concentration shown as a range is to protect confidentiality or is due to batch variation.*

## Section 4: FIRST-AID MEASURES

**General:** This product is not known to cause respiratory problems, irritation to the eyes or skin, nor discomfort if ingested while in normal user per label.

**Eye Contact:** If irritation develops, flush with plenty of water and obtain additional medical attention if additional symptoms occur.

**Skin Contact:** If irritation develops, wash skin with plenty of water. Obtain medical attention if additional symptoms occur.

**Inhalation:** If discomfort develops, remove from further exposure. Obtain medical attention if additional symptoms occur.

**Ingestion:** Drink plenty of water. Seek medical advice if irritation develops.

**Most Important Symptoms/Effects, Acute and Delayed:** For symptoms and effects see Section 11.

**Indication of Immediate Medical Attention and Special Treatment Needed:** *Notes to Physician:* Treat symptomatically.

## Section 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstance and the surrounding environment.

**Specific Hazards Arising from Chemical:** None known.

**Hazardous Combustion Products:** Non-combustible. This material will not burn.

**Special Protective Actions for Fire-Fighters:** No special protective equipment required.

*This product is non-flammable. See Section 9 for Physical Properties.*

## Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** No special protective equipment required.

**Environmental Precautions:** None.

**Methods and Materials for Containment and Clean Up:** Stop leak and move containers from spill area. Dilute with water and mop up. Alternatively, absorb with an inert dry material and place in an appropriate waste disposal container. *See section 13 for more information.*

## Section 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for Safe Storage including Incompatibilities:** Keep containers tightly closed in a dry, cool place. Store in original container, at room temperature, away from direct sunlight and heat. Do not allow to freeze. Incompatible with reducing agents.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:** This product, as supplied, does not contain any hazardous materials.

**Appropriate Engineering Controls:** Showers, eyewash stations, and ventilation systems.

### Individual Protection Measures / Personal Protective Equipment (PPE)

Eye/Face Protection: No special protective equipment required.

Respiratory Protection: No special protective equipment required.  
 If irritation is experienced, ventilation and evacuation may be required.

Skin/Body Protection: No special protective equipment required.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, Colorless	<b>Partition Coefficient:</b>	Not determined
<b>Physical State:</b>	Liquid	<b>Autoignition Temperature:</b>	Not determined
<b>Odor:</b>	Mild chlorine odor	<b>Decomposition Temperature:</b>	Not determined
<b>pH:</b>	3.9-5.0	<b>Viscosity:</b>	1.004 mm <sup>2</sup> /s kinematic, 1.002 cP dynamic
<b>Melting/Freezing Point:</b>	Approximately -0.1°C	<b>Specific Gravity:</b>	1.0
<b>Boiling Point/ Range:</b>	Approximately 101°C	<b>VOCs:</b>	None
<b>Flash Point:</b>	Not determined	<b>Flammability (solid, gas):</b>	Non-flammable
<b>Evaporation Rate:</b>	Not determined	<b>VOC Composite Partial Pressure:</b>	Not determined
<b>Upper Flammability Limits:</b>	Not determined	<b>Relative Density:</b>	Not determined
<b>Lower Flammability Limits:</b>	Not determined	<b>Solubility:</b>	Water (complete)
<b>Vapor Pressure:</b>	Not determined		
<b>Vapor Density:</b>	Not determined		

## Section 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	Product is stable and non-reactive under normal conditions of use, storage, and transport.
<b>Chemical Stability:</b>	Material is stable under normal and recommended storage conditions. Use within expiration.
<b>Possibility of Hazardous Reactions:</b>	No dangerous reaction known under normal conditions of storage and use.
<b>Conditions to Avoid:</b>	Avoid excessive heat, direct sunlight, and freezing temperatures.
<b>Incompatible Materials:</b>	Ammonia, ammonium salts, reducing agents, reactive metals, aziridines, methanol, formic acid.
<b>Hazardous Decomposition Products:</b>	Avoid adding acid or heating solution as it may liberate chlorine gas.

## Section 11: TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Inhalation -	No known effect based on information supplied.
	Skin Contact -	No known effect based on information supplied.
	Eye Contact -	No known effect based on information supplied.
	Ingestion -	No known effect based on information supplied.

**Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:** No symptoms expected under typical use conditions.  
*See Section 4 for Symptoms.*

**Delayed and Immediate Effects and/or Chronic Effects from Short-and-Long Term Exposure:** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

**Numerical Measures of Toxicity:** Not available.

<b>Acute Toxicity:</b>	Oral Exposure:	No observed effects.
	Dermal Exposure:	No observed effects.
	Inhalation Exposure:	No observed effects.

<b>Sensitization:</b>	This product is not known to cause sensitization.
<b>Mutagenic Effects:</b>	No data available.
<b>Carcinogenicity:</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive Toxicity:</b>	No data available.
<b>STOT-Single Exposure:</b>	No data available.
<b>STOT-Repeated Exposure:</b>	No data available.
<b>Target Organ Effects:</b>	None known.
<b>Aspiration Hazard:</b>	No data available.

## Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	This product is not classified as hazardous to the environment.
<b>Aquatic:</b>	Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.

## Section 13: DISPOSAL CONSIDERATIONS

**Unused or Used Liquid:** The material, as supplied is not a hazardous waste according to Federal regulations (40 CFR 261). The material could become hazardous waste if it is mixed with or otherwise comes in contact with 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 hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Empty Containers:** May be offered for recycling

## Section 14: TRANSPORT INFORMATION

<b>U.N. Number:</b>	Not applicable	<b>U.N. Proper Shipping Name:</b>	Not applicable
<b>Transport Hazard Class(es):</b>	Not applicable, safe to air ship	<b>Special Precautions:</b>	Not applicable
<b>Packing Group:</b>	Not applicable		
<b>Environmental Hazards:</b>	Not applicable		
<b>U.S. (DOT) / Canadian TDG:</b>	Not regulated for shipping	<b>ICAO/ IATA:</b>	Not classified as hazardous
<b>IMO / IMDG:</b>	Not classified as hazardous	<b>ADR/RID:</b>	Not classified as hazardous

## Section 15: REGULATORY INFORMATION

**All components are listed on:** TSCA and DSL Inventory.

**SARA Title III: Sections 311/312 Hazard Categories**

Acute Health: No Chronic Health: No Fire Hazard: No Sudden Release of Pressure Hazard: No Reactive Hazard: No

**Sections 313 Superfunds Amendments and Reauthorizations Act of 1986**

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.

**Clean Air Act (CAA):** Not applicable

**Clean Water Act (CWA):** This product does not contain any substances regulated as pollutants pursuant to the CWA.

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

**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.

## Section 16: OTHER INFORMATION

**NFPA:**

Health – None      Stability – Stable      Flammability – Non-flammable      Special - None



**Acronyms**

NTP	National Toxicology Program	IARC	International Agency for Research on Cancer
OSHA	Occupational Safety and Health Administration	DSL	Domestic Substances List
TSCA	Toxic Substances Control Act		

**Issue Date:** January 26<sup>th</sup>, 2022

**Revision Date:** January 26<sup>th</sup>, 2022

**Version:** 001

**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 nor in any process, unless specified in the test.

**END OF SAFETY DATA SHEET**