

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/02/2020

Reviewed on 04/02/2020

**1 Identification**

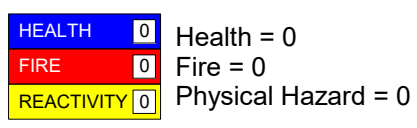
- **Product Identifier**
- **Trade Name: Hand Cleanser Wash**
- **Product Number:** EPA Distributor Company #96105
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Electrochemically activated solution of sodium chloride (0.9% or less)
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**  
Shaman Botanical Inc.  
2405 Southwest Blvd  
Kansas City, MO 64108  
Phone: 855-427-7386  
Fax: 816-817-0165  
email: Corporate@CBDamericanshaman.com  
Website: www.CBDAmericanShaman.com
- **Emergency telephone number:** 816-835-9639

**2 Hazard(s) Identification**

- **Classification of the substance or mixture:** Non-Regulated Material
- **Label elements:**
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Unknown acute toxicity:**  
This value refers to knowledge of known, established toxicological or ecotoxicological values.  
0 % of the mixture consists of component(s) of unknown toxicity.
- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **Hazard(s) not otherwise classified (HNOC):** None known

**\* 3 Composition/Information on Ingredients**

· <b>Non-hazardous components:</b>		
7732-18-5	Water, distilled water, deionized water	>99%
· <b>Chemical characterization: Mixtures</b>		
· <b>Description:</b> Non-Regulated Material		
· <b>Dangerous Components:</b>		
7790-92-3	Hypochlorous Acid	<0.05%

· **Additional information:**  
The product contains no hazardous components. The product contains ~500ppm Free Available Chlorine (FAC).

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/02/2020

Reviewed on 04/02/2020

**Trade Name: Hand Cleanser Wash**

**4 First-Aid Measures**

- **Description of first aid measures**
- **General information:** If symptoms persist, call a physician.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Generally, the product does not irritate the skin.  
If skin irritation occurs, consult a doctor.
- **After eye contact:**  
If eye irritation occurs, consult a doctor.  
Rinse opened eye for several minutes under running water.
- **After swallowing:** If swallowed and symptoms occur, consult a doctor.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

**5 Fire-Fighting Measures**

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Special protective equipment for firefighters:**  
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

**6 Accidental Release Measures**

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the collected material according to regulations.
- **Reference to other sections:**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· <b>PAC-1:</b>	None of the ingredients are listed.
· <b>PAC-2:</b>	None of the ingredients are listed.
· <b>PAC-3:</b>	None of the ingredients are listed.

**7 Handling and Storage**

- **Handling**
- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.

(Contd. on page 3)

## Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/02/2020

Reviewed on 04/02/2020

**Trade Name: Hand Cleanser Wash**

- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

### 8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:**  
Engineering Controls: Open air ventilation is adequate safe use of the Product. Avoid breathing vapors or fumes resulting from acid ventilation.

Personal Protective Equipment: No personal protective equipment is required under normal conditions.

- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Personal Precautions: No personal protective equipment is required under normal conditions. The following suggestions should be considered in case of accidental chlorine release due to acidification.
- **Breathing equipment:**  
Ventilation: Open air or good room ventilation is adequate for the safe use of the Product.  
Avoid breathing any vapors or fumes resulting from acid ventilation.

Respiratory Protection: In accordance with OSHA regulations (29 CFR 1910.134 and 29 CFR 1910.1000) fogging or spraying applications may require worker respiratory protection, such as (1) NIOSH/MSHA approved air-purifying respirators, or (2) NIOSH/MSHA approved canister/cartridge facial respirators for chlorine/acid vapors.

- **Protection of hands:**  
Protective gloves recommended in manufacturing.



Protective gloves

Although Product is designed to be safe for skin, good manufacturing and laboratory practice recommend that, at a minimum, rubber, neoprene, or other chemically impervious gloves be worn for all applications involving chemical handling.

- **Material of gloves:**  
Butyl rubber, BR  
Neoprene gloves  
Impervious gloves
- **Penetration time of glove material:**  
The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

(Contd. on page 4)

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/02/2020

Reviewed on 04/02/2020

**Trade Name: Hand Cleanser Wash**

**· Eye protection:**



Goggles recommended during refilling.

**· Limitation and supervision of exposure into the environment:** None

**9 Physical and Chemical Properties**

**· Information on basic physical and chemical properties**

**· General Information**

**· Appearance:**

**Form:** Liquid

**Color:** Clear

**· Odor:** Chlorine-like

**· Odor threshold:** Not determined.

**· pH-value @ 20 °C (68 °F):** 6.5-7.5

**· Change in condition**

**Melting point/Melting range:** Not determined.

**Boiling point/Boiling range:** ≥100 °C (≥212 °F)

**· Flash point:** None

**· Flammability (solid, gaseous):** Not applicable.

**· Ignition temperature:** Not applicable

**· Decomposition temperature:** Not determined.

**· Auto igniting:** Product is not self-igniting.

**· Danger of explosion:** Product does not present an explosion hazard.

**· Explosion limits:**

**Lower:** Not determined.

**Upper:** Not determined.

**· Vapor pressure @ 20 °C (68 °F):** ≤23 hPa (≤17.3 mm Hg)

**· Density @ 20 °C (68 °F):** 0.9994 g/cm<sup>3</sup> (8.34 lbs/gal)

**· Relative density:** Not determined.

**· Vapor density:** Not determined.

**· Evaporation rate:** Not determined.

**· Solubility in / Miscibility with:**

**Water:** Fully miscible.

**· Partition coefficient (n-octanol/water):** Not determined.

**· Viscosity:**

**Dynamic:** Not determined.

**Kinematic:** Not determined.

**· Solvent content:**

**VOC content:** 0.00 %

**Solids content:** 0.0 %

**· Other information:** No further relevant information available.

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/02/2020

Reviewed on 04/02/2020

**Trade Name: Hand Cleanser Wash**

**10 Stability and Reactivity**

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Product is stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

**11 Toxicological Information**

- **Information on toxicological effects:**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No data available.
- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**
- **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer):**  
None of the ingredients are listed.

· **NTP (National Toxicology Program):**  
None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**  
None of the ingredients are listed.

**12 Ecological Information**

- **Toxicity:**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

**13 Disposal Considerations**

- **Waste treatment methods**
- **Recommendation:**  
Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

(Contd. on page 6)

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/02/2020

Reviewed on 04/02/2020

**Trade Name: Hand Cleanser Wash**

**14 Transport Information**

- **UN-Number:** Non-Regulated Material
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:** Non-Regulated Material
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **Class:** Non-Regulated Material
- **Packing group:** Non-Regulated Material
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

**15 Regulatory Information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

· <b>Section 355 (extremely hazardous substances):</b>	None of the ingredients are listed.
· <b>Section 313 (Specific toxic chemical listings):</b>	None of the ingredients are listed.
· <b>TSCA (Toxic Substances Control Act):</b>	All components have the value ACTIVE.
· <b>Hazardous Air Pollutants</b>	None of the ingredients are listed.
· <b>California Proposition 65:</b>	
· <b>Chemicals known to cause cancer:</b>	None of the ingredients are listed.
· <b>Chemicals known to cause reproductive toxicity for females:</b>	None of the ingredients are listed.
· <b>Chemicals known to cause reproductive toxicity for males:</b>	None of the ingredients are listed.
· <b>Chemicals known to cause developmental toxicity:</b>	None of the ingredients are listed.
· <b>New Jersey Right-to-Know List:</b>	None of the ingredients are listed.
· <b>New Jersey Special Hazardous Substance List:</b>	None of the ingredients are listed.
· <b>Pennsylvania Right-to-Know List:</b>	None of the ingredients are listed.
· <b>Pennsylvania Special Hazardous Substance List:</b>	None of the ingredients are listed.

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/02/2020

Reviewed on 04/02/2020

**Trade Name: Hand Cleanser Wash**

· **Carcinogenic categories:**

· **EPA (Environmental Protection Agency):**  
None of the ingredients are listed.

· **TLV (Threshold Limit Value established by ACGIH):**  
None of the ingredients are listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**  
None of the ingredients are listed.

- **GHS label elements** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material

· **National regulations:**  
None of the ingredients are listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other Information**

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of last revision/ revision number:** 04/02/2020 / 2

· **Abbreviations and acronyms:**

- ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety and Health
- OSHA: Occupational Safety & Health Administration
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit

· **\* Data compared to the previous version altered.**

SDS created by MSDS Authoring Services    www.msdsauthoring.com    +1-877-204-9106