

## **0.9% Antibacterial Saline Solution**

### ***Company Identification***

*Company's Name: BOV SOLUTIONS, INC*

*Company's Address: 1105 E. GARNER BAGNAL BLVD*

*Company's City: STATESVILLE*

*Company's State: NC*

*Company's Country: US*

*Company's Zip Code: 28677*

*Company's Info Ph #: 704/872-7277*

*Emergencies, call : 704-604-1222*

*Date SDS Prepared: November 2, 2015*

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### ***1. Product Identification***

*Synonyms: Antibacterial Saline Wound Wash*

*CAS No.: MIXTURE*

*Molecular Weight: NA*

*Chemical Formula: PROPRIETARY BLEND*

### ***2. Hazards Identification***

#### ***Emergency Overview***



**CAUTION! MAY CAUSE EYE IRRITATION.**

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Flammability Rating: 0 - None  
Reactivity Rating: 0 - None  
Contact Rating: 1 - Slight  
Lab Protective Equip: SAFETY GLASSES

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### **Potential Health Effects**

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**Inhalation:** May cause mild irritation to the respiratory tract.

**Ingestion:** Very large doses can cause vomiting, diarrhea, and prostration. Dehydration and congestion occur in most internal organs. Hypertonic salt solutions can produce violent inflammatory reactions in the gastrointestinal tract.

**Skin Contact:** May irritate damaged skin; absorption can occur with effects similar to those via ingestion.

**Eye Contact:** Causes irritation, redness, and pain. (For salt concentrations greater than the normal saline present.)

**Chronic Exposure:** No information found.

**Aggravation of Pre-existing Conditions:** No information found.

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## **3. Composition/Information on Ingredients**

Ingredient	CAS No	Percent	Hazardous
Sodium Chloride	7647-14-5	0.85 - 0.95%	Yes
Water	7732-18-5	99.05 - 99.15%	No
Benethonium Chloride	121-54-0	< 0.13%	Yes
Benzalkonium Chloride	68424-85-1	0.10 - 0.125%	Yes
Aloe	8001-097-6	1.0 - 5.0%	No
Sodium Bicarbonate	144-55-8	0.09 - 0.125%	No

## **4. First Aid Measures**

**Inhalation:** Remove to fresh air. Get medical attention for any breathing difficulty.

**Ingestion:** If large amounts were swallowed, give water to drink and get medical advice.

**Skin Contact:** Wash exposed area with soap and water. Get medical advice if irritation develops.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

## **5. Fire Fighting Measures**

**Fire:** Not considered to be a fire hazard.

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**Explosion:** Not considered to be an explosion hazard.

**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire. Product itself is not flammable.

## **6. Accidental Release Measures.**

Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth. Rinse floor with water.

## **7. Handling and Storage**

Keep in a tightly closed container. Keep from freezing.

## **8. Exposure Controls/Personal Protection**

**Airborne Exposure Limits:** None established.

**Ventilation System:** Not expected to require any special ventilation.

**Personal Respirators (NIOSH-Approved):** Not expected to require personal respirator usage.

**Skin Protection:** Wear protective gloves and clean body-covering clothing.

**Eye Protection:** Use chemical safety goggles or glasses with side shields. Maintain eye wash fountain and quick-drench facilities in work area.

## **9. Physical and Chemical Properties**

**Appearance:** Clear, colorless liquid.

**Odor:** Odorless.  
**Solubility:** No information found.  
**Specific Gravity:** 1.005  
**pH(as is):** 4.5 – 7.0  
**% Volatiles by volume @ 21C (70F):** >99  
**Boiling Point:** Approx. 100C.  
**Melting Point:** Approx. 0C (32F)  
**Vapor Density (Air=1):** No information found.  
**Vapor Pressure (mm Hg):** No information found.  
**Evaporation Rate (BuAc=1):** No information found.

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## 10. Stability and Reactivity

**Stability:** Stable under ordinary conditions of use and storage.  
**Hazardous Decomposition Products:** No information found.  
**Hazardous Polymerization:** Will not occur.  
**Incompatibilities:** No information found.  
**Conditions to Avoid:** No information found.

## 11. Toxicological Information

Sodium Chloride  
Oral rat LD50:3000 mg/kg.  
Benzalkonium chloride  
Dermal rat LD50 930mg/kg.

-----\Cancer Lists\-----			
---NTP Carcinogen---			
Ingredient	Known Anticipated		IARC Category
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Sodium Chloride (7647-14-5)	No	No	None
Water (7732-18-5)	No	No	None

## 12. Ecological Information

**Environmental Fate:** No information found.  
**Environmental Toxicity:** No information found.

### 13. Disposal Considerations

*Dilute with water and flush to sewer if local ordinances allow, otherwise, whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.*

*Dispose of container and unused contents in accordance with federal, state and local requirements*

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### 14. Transport Information

*Not regulated.*

### 15. Regulatory Information

-----\Chemical Inventory Status - Part 1\-----				
Ingredient	TSCA	EC	Japan	Australia
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Sodium Chloride (7647-14-5)	Yes	Yes	Yes	Yes
Water (7732-18-5)	Yes	Yes	Yes	Yes
Benzethonium Chloride (121-54-0)	Yes	Yes	Yes	Yes
Benzalkonium Chloride (68424-85-1)	Yes	Yes	Yes	Yes
Aloe (8001-97-6)	Yes	Yes	Yes	Yes
Sodium Bicarbonate (133-55-8)	Yes	Yes	Yes	Yes

-----\Chemical Inventory Status - Part 2\-----				
--Canada--				
Ingredient	Korea	DSL	NDSL	Phil.
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Sodium Chloride (7647-14-5)	Yes	Yes	No	Yes
Water (7732-18-5)	Yes	Yes	No	Yes
Benzethonium Chloride (121-54-0)	Yes	Yes	No	Yes
Benzalkonium Chloride (68424-85-1)	Yes	Yes	No	Yes
Aloe ( 8001-97-6)	Yes	Yes	No	Yes
Sodium Bicarbonate ( 133-55-8)	Yes	Yes	No	Yes

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No  
SARA 311/312: Acute: Yes Chronic: No Fire: No Pressure: No  
Reactivity: No (Mixture / Liquid)

*WHMIS: This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.*

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## **16. Other Information**

**NFPA Ratings:** Health: **1** Flammability: **0** Reactivity: **0**

**Label Hazard Warning:** CAUTION! MAY CAUSE EYE IRRITATION.

**Label Precautions:**

*Avoid contact with eyes.*

*Wash thoroughly after handling.*

**Label First Aid:** *In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.*

**Revision Information:** *Original. April 2, 2015, Revised November 2, 2015*

**Disclaimer:**

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