



# Simply Saline™ Nighttime Nasal Mist

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 06/02/2015 Date of issue: 06/02/2015

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** Simply Saline™ Nighttime Nasal Mist

**Synonyms:** Saline Solution, Hypertonic Solution, Nasal Decongestant, Nasal Cleanser

#### Intended Use of the Product

Nasal Spray

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

##### **Company**

Church & Dwight

500 Charles Ewing Blvd

Ewing Township, NJ 08628

T 1-800-524-1328

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

#### Emergency Telephone Number

**Emergency Number** : For Medical Emergency: 1-888-234-1828, For Chemical Emergency: 1-800-424-9300 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

#### Classification of the Substance or Mixture

##### **Classification (GHS-US)**

Compressed gas H280

Full text of H-phrases: see section 16

#### Label Elements

##### **GHS-US Labeling**

**Hazard Pictograms (GHS-US)** :



GHS04

**Signal Word (GHS-US)** : Warning

**Hazard Statements (GHS-US)** : H280 - Contains gas under pressure; may explode if heated.

**Precautionary Statements (GHS-US)** : P410+P403 - Protect from sunlight. Store in a well-ventilated place.

**Other Hazards** 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

#### Mixture

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Water	(CAS No) 7732-18-5	60 - 100	Not classified
Sodium chloride	(CAS No) 7647-14-5	1 - 5	Not classified
Benzyl alcohol	(CAS No) 100-51-6	0.1 - 1	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Aquatic Acute 2, H401

# Simply Saline™ Nighttime Nasal Mist

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Sodium bicarbonate	(CAS No) 144-55-8	0.1 - 1	Not classified
Polyoxyethylene sorbitan monooleate	(CAS No) 9005-65-6	0.1 - 1	Eye Irrit. 2B, H320

A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition.

Full text of H-phrases: see section 16

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area.

**Skin Contact:** Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

**Ingestion:** Rinse mouth. Do not induce vomiting. Get medical advice and attention if you feel unwell.

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

**General:** None expected under normal conditions of use.

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

If medical advice is needed, have product container or label at hand.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Use of heavy stream of water may spread fire.

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

**Fire Hazard:** Not flammable.

**Explosion Hazard:** Product is not explosive. Pressurized container: May burst if heated

**Reactivity:** Hazardous reactions will not occur under normal conditions.

#### Advice for Firefighters

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

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

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

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>).

#### 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:** Spilled material may present a slipping hazard.

#### 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:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

**Environmental Precautions** Prevent entry to sewers and public waters.

#### Methods and Material for Containment and Cleaning Up

**Methods for Cleaning Up:** Soak up with inert solids or flush with large amount of water.

#### Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

### SECTION 7: HANDLING AND STORAGE

#### Precautions for Safe Handling

**Additional Hazards When Processed:** Pressurized container: may burst if heated. Do not pierce or burn, even after use.

# Simply Saline™ Nighttime Nasal Mist

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

**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.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container tightly closed.

**Incompatible Materials:** None known.

**Storage Temperature:** 15 - 30 °C (59 - 86 °F)

**Specific End Use(s)** Nasal Spray

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), or Canadian provincial governments

### **Exposure Controls**

**Appropriate Engineering Controls:** For occupational/workplace settings: Local exhaust and general ventilation must be adequate to meet exposure standards. Site-specific risk assessments should be conducted to determine the appropriate exposure control measures. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Personal Protective Equipment:** For occupational/workplace settings: Gloves. Protective goggles.



**Materials for Protective Clothing:** For occupational/workplace settings: Chemically resistant materials and fabrics.

**Hand Protection:** For occupational/workplace settings: Wear chemically resistant protective gloves.

**Eye Protection:** For occupational/workplace settings: Chemical safety goggles.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **Information on Basic Physical and Chemical Properties**

Physical State	: Liquid
Appearance	: Clear Colorless
Odor	: Minty
Odor Threshold	: Not available
pH	: 6.9 @ 25 °C
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: ≈ 100 °C (212 °F)
Flash Point	: Not available
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Upper/Lower Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Specific Gravity	: 1
Solubility	: Complete in water
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

# Simply Saline™ Nighttime Nasal Mist

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

### SECTION 10: STABILITY AND REACTIVITY

- Reactivity:** Hazardous reactions will not occur under normal conditions.  
**Chemical Stability:** The product is stable at normal handling and storage conditions.  
**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.  
**Conditions to Avoid:** Pressurized container. Avoid heat.  
**Incompatible Materials:** None known.  
**Hazardous Decomposition Products:** None known.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

- Acute Toxicity:** Not classified  
**LD50 and LC50 Data:** Not available  
**Skin Corrosion/Irritation:** Not classified (pH: 6.9 @ 25 °C)  
**Serious Eye Damage/Irritation:** Not classified (pH: 6.9 @ 25 °C)  
**Respiratory or Skin Sensitization:** Not classified  
**Germ Cell Mutagenicity:** Not classified  
**Teratogenicity:** Not classified  
**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

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

LD50 and LC50 Data:

<b>Sodium chloride (7647-14-5)</b>	
LD50 Oral Rat	3 g/kg
LC50 Inhalation Rat	> 42 g/m <sup>3</sup> (Exposure time: 1 h)
<b>Sodium Bicarbonate</b>	
LD50 Oral Rat	7.3 g/kg
LC50 Inhalation Rat	> 4.7 mg/l/4h
<b>Benzyl alcohol (100-51-6)</b>	
LD50 Oral Rat	1230 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LD50 Intravenous Rat	53 mg/kg
LC50 Inhalation Rat	> 4.178 mg/l/4h
<b>Polyoxyethylene sorbitan monooleate (9005-65-6)</b>	
LD50 Oral Rat	37.605 g/kg

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** Not classified

<b>Sodium chloride (7647-14-5)</b>	
LC50 Fish 1	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])
<b>Sodium bicarbonate (144-55-8)</b>	
LC50 Fish 1	8250 - 9000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	2350 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>Benzyl alcohol (100-51-6)</b>	
LC50 Fish 1	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	23 mg/l (Exposure time: 48 h - Species: water flea)
LC50 Fish 2	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

# Simply Saline™ Nighttime Nasal Mist

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

**Persistence and Degradability** Not established

### **Bioaccumulative Potential**

<b>Sodium chloride (7647-14-5)</b>	
<b>BCF Fish 1</b>	(no bioaccumulation)
<b>Benzyl alcohol (100-51-6)</b>	
<b>Log POW</b>	1.1

**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.

## SECTION 14: TRANSPORT INFORMATION

### **In Accordance with DOT**

**Proper Shipping Name** : AEROSOLS, non-flammable, (each not exceeding 1 L capacity)  
**Hazard Class** : 2.2  
**Identification Number** : UN1950  
**Label Codes** : 2.2  
**ERG Number** : 126



### **In Accordance with IMDG**

**Proper Shipping Name** : AEROSOLS  
**Hazard Class** : 2  
**Identification Number** : UN1950  
**Label Codes** : 2.2  
**EmS-No. (Fire)** : F-D  
**EmS-No. (Spillage)** : S-U



### **In Accordance with IATA**

**Proper Shipping Name** : Aerosols, non-flammable  
**Identification Number** : UN1950  
**Hazard Class** : 2  
**Label Codes** : 2.2  
**ERG Code (IATA)** : 2L



### **In Accordance with TDG**

**Proper Shipping Name** : Aerosols, non-flammable  
**Hazard Class** : 2.2  
**Identification Number** : UN1950  
**Label Codes** : 2.2



## SECTION 15: REGULATORY INFORMATION

### **US Federal and International Regulations**

<b>Simply Saline™ Nighttime Nasal Mist</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Sudden release of pressure hazard
<b>Water (7732-18-5)</b>	
<b>Regional Legislation</b>	
Listed on the AICS (Australian Inventory of Chemical Substances)	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	
Listed on the Korean ECL (Existing Chemicals List)	
Listed on NZIoC (New Zealand Inventory of Chemicals)	
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

# Simply Saline™ Nighttime Nasal Mist

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

### **Sodium Chloride (7647-14-5)**

#### **Regional Legislation**

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

### **Sodium Bicarbonate (144-55-8)**

#### **Regional Legislation**

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

### **Benzyl Alcohol (100-51-6)**

#### **Regional Legislation**

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian IDL (Ingredient Disclosure List)

### **Polyoxyethylene Sorbitan Monooleate (9005-65-6)**

#### **Regional Legislation**

Listed on the EU NLP (No Longer Polymers) inventory  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

### **US State Regulations**

#### **Benzyl alcohol (100-51-6)**

U.S. - Massachusetts - Right To Know List  
U.S. - Pennsylvania - RTK (Right to Know) List


### **Canadian Regulations**

#### **Simply Saline™ Nighttime Nasal Mist**

# Simply Saline™ Nighttime Nasal Mist

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

WHMIS Classification	Class A - Compressed Gas
	

<b>Water (7732-18-5)</b>	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

<b>Sodium chloride (7647-14-5)</b>	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

<b>Sodium bicarbonate (144-55-8)</b>	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

<b>Benzyl alcohol (100-51-6)</b>	
IDL Concentration 1 %	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects

<b>Polyoxyethylene sorbitan monooleate (9005-65-6)</b>	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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** : 06/02/2015  
**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:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Flam. Liq. 4	Flammable liquids Category 4
Compressed gas	Gases under pressure Compressed gas
H280	Contains gas under pressure; may explode if heated
H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H319	Causes serious eye irritation
H320	Causes eye irritation
H401	Toxic to aquatic life

#### Party Responsible for the Preparation of This Document

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North America GHS US 2012 & WHMIS 2