

## SAFETY DATA SHEET

### SECTION 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

- 1.1 PRODUCT NAME:** Skin and Nasal Antiseptic Patient Preoperative Skin Preparation
- 1.2 PRODUCT NUMBERS:** 9010, 9011, 9012  
**SAGE ITEM NUMBER:** R8779  
**CAS NUMBER:** Mixture
- 1.3 DISTRIBUTER'S NAME:** Sage Products  
**ADDRESS:** 3909 Three Oaks Rd.  
Cary, IL 60013  
**REGULAR TELEPHONE:** 800-323-2220
- 1.4 Supplier Details:**  
**MANUFACTURER:** 3M  
**DIVISION:** Infection Prevention Division  
**ADDRESS:** 3M Center, St. Paul, MN 55144-1000  
**TELEPHONE:** 1-800-3M HELPS (1-888-364-3577)
- 1.4 EMERGENCY TELEPHONE:** CHMETREC (800) 424-9300

### SECTION 2 HAZARD IDENTIFICATION

- 2.1 HAZ-CLASS:**  
Serious Eye Damage/Irritation: Category 1.  
Skin Corrosion/Irritation: Category 2.  
Skin Sensitizer: Category 1.  
Specific Target Organ Toxicity (repeated exposure): Category 1.

**2.2 LABEL ELEMENTS:**

**Signal word**

Danger

**Symbols**

Corrosion | Exclamation mark | Health Hazard

**Pictograms**



**Hazard Statements**

Causes serious eye damage.  
 Causes skin irritation.  
 May cause an allergic skin reaction.

Causes damage to organs through prolonged or repeated exposure: endocrine system

**Precautionary Statements****Prevention:**

Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wear protective gloves and eye/face protection.  
 Do not eat, drink or smoke when using this product.  
 Wash thoroughly after handling.  
 Contaminated work clothing must not be allowed out of the workplace.

**Response:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
 Continue rinsing.  
 IF ON SKIN: Wash with plenty of soap and water.  
 Immediately call a POISON CENTER or doctor/physician.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 Take off contaminated clothing and wash it before reuse.

**Disposal:**

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

**2.3 HAZARD ELEMENTS NOT OTHERWISE CLASSIFIED: None.**

14% of the mixture consists of ingredients of unknown acute dermal toxicity.  
 20% of the mixture consists of ingredients of unknown acute inhalation toxicity.

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	C.A.S No.	% by Wt
WATER	7732-18-5	60-75
Swab	None	20-30
Other Organics	Mixture	10-22
POLY (VINYLPIRROLIDINONE) IODIDE	25655-41-8	0-5 Trade Secret*
SODIUM IODIDE	7681-82-5	1-3 Trade Secret*

\*The specific chemical identity and/or exact percentage of this composition has been withheld as a trade secret.

## SECTION 4

## EMERGENCY AND FIRST AID MEASURE

### 4.1 DESCRIPTION OF NECESSARY FIRST-AID MEASURES TO TAKE ACCORDING TO DIFFERENT ROUTES OF EXPOSURE:

**INGESTION:** Rinse mouth. If you feel unwell, get medical attention.

**EYE CONTACT:** Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

**SKIN CONTACT:** Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

**INHALATION:** Remove person to fresh air. If you feel unwell, get medical attention.

### 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: See Section 11.1 Information on toxicological effects.

### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY: Not applicable.

## SECTION 5

## FIRE FIGHTING MEASURES

### 5.1 SUITABLE EXTINGUISHING MEDIA: Material will not burn.

### 5.2 SPECIFIC HAZARDS ARISING FROM THE MATERIAL: None inherent in this product.

#### Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion

### 5.3 SPECIAL PROTECTION EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTING

No special protective actions for fire-fighters are anticipated.

## SECTION 6

## ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS/PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Ventilate the area with fresh air.

### 6.2 ENVIRONMENTAL PRECAUTIONS: Avoid release to the environment.

### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP: Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible.

## SECTION 7 HANDLING & STORAGE REQUIREMENTS

- 7.1 PRECAUTIONS FOR SAFE HANDLING:** For industrial or professional use only. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
- 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:** Store away from acids.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

**Occupational exposure limits:** If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S No.	Agency	Limit type	Additional Comments
IODIDES, INHALABLE FRACTION	7681-82-5	ACGIH	TWA (inhalable fraction and vapor): 0.01 ppm	A4: Not class, as human carcin

ACGIH: American Conference of Government Industrial Hygienists

- 8.2 ENGINEERING CONTROLS:** Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

### 8.3 PERSONAL PROTECTIVE EQUIPMENT (PPE):

**EYE/FACE PROTECTION:** Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Full Face Shield and Indirect Vented Goggles

**SKIN PROTECTION:** Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Gloves made from the following material(s) are recommended: Butyl Rubber, Neoprene, and Nitrile Rubber

**RESPIRATORY PROTECTION:** An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based

on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half face piece or full face piece air-purifying respirator suitable for organic vapors

## SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

**General Physical Form:** Liquid viscous

**Odor, Color, Grade:** Red/brown viscous liquid. May have slight-iodine like odor

**Odor threshold** *No Data Available*

**pH** 3 - 3.8

**Melting point** *No Data Available*

**Boiling Point** 212 °F

**Flash Point** Flash point > 93 °C (200 °F)

**Evaporation rate** *No Data Available*

**Flammability (solid, gas)** Not Applicable

**Flammable Limits (LEL)** *Not Applicable*

**Flammable Limits (UEL)** *Not Applicable*

**Vapor Pressure** *Not Applicable*

**Vapor Density** *Not Applicable*

**Density** 1.07 g/cm<sup>3</sup>

**Specific Gravity** 1.07 [*Ref Std:WATER=1*]

**Solubility in Water** Appreciable

**Solubility- non-water** *No Data Available*

**Partition coefficient: n-octanol/ water** *No Data Available*

**Autoignition temperature** *Not Applicable*

**Decomposition temperature** *No Data Available*

**Viscosity** *No Data Available*

## SECTION 10 STABILITY & REACTIVITY

- 10.1 REACTIVITY:** This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.
- 10.2 CHEMICAL STABILITY:** Stable
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:** Hazardous polymerization will not occur.
- 10.4 CONDITIONS TO AVOID:** Not determined
- 10.5 INCOMPATIBLE MATERIAL:** Strong acids
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:** Non Known.

## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

**EYE CONTACT:** Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

**SKIN CONTACT:** Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

**INHALATION:** Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**INGESTION:** Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea

**Additional Health Effects:**

**Prolonged or repeated exposure may cause target organ effects:**

Endocrine Effects: Signs/symptoms may include disruption of gonadal, thyroid, adrenal, or pancreatic function; changes in hormone production; alterations in circulating hormone levels; and/or changes in tissue response to hormones.

**Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Skin Corrosion/Irritation**

For the component/components, either no data are currently available or the data are not sufficient for classification

**Serious Eye Damage/Irritation**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Skin Sensitization**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Respiratory Sensitization**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Germ Cell Mutagenicity**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Carcinogenicity**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Specific Target Organ Toxicity - repeated exposure**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

## SECTION 12 ECOLOGICAL INFORMATION

### Ecotoxicological information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

### Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

## SECTION 13 DISPOSAL CONSIDERATION

### WASTE DISPOSAL METHOD:

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Dispose of waste product in a permitted industrial waste facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

**EPA Hazardous Waste Number (RCRA):** Not regulated

## SECTION 14 TRANSPORT INFORMATION

This product is not regulated for transportation.

**UN NUMBER:** not regulated.

**UN PROPER SHIPPING NAME:** not regulated.

**TRANSPORT HAZARD CLASS (ES):** none.

**PACKING GROUP:** none.

**GROUND TRANSPORTATION (US DOT):** not regulated.

**TRANSPORT IN BULK:** not regulated.

**AIR TRANSPORT (IATA):** not regulated.

**MARINE TRANSPORT:** not regulated.

**ENVIRONMENTAL HAZARDS – MARITIME DANGEROUS GOOD CODE (IMDG CODE):** not regulated.

These transportation classifications are provided as a customer service. As the shipper you remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. Sage transportation classification are based on product formulation, packaging, Sage policies and Sage's understanding of applicable current regulations. Sage does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements.

**SECTION 15****REGULATORY INFORMATION**

While this finished product it not considered hazardous as defined by OSHA in 29 CFR 1910.1200 (d) this SDS contains valuable information critical to the safe handling and proper use of this product.

**15.1 US FEDERAL**

This product is not regulated by EPS TSCA. This product described in this Safety Data Sheet is regulated under the Federal Food and Drug and Cosmetic Act and is safe as per directions on the label.

**SARA 311/312 HAZARD CATEGORIES**

Fire Hazard – No

Pressure Hazard - No

Reactivity Hazard- No

Immediate Hazard - No

Delayed Hazard - Yes

**15.2 STATES**

Not available.

**15.3 CANADA**

Not available.

**15.5 INTERNATIONAL REGULATIONS**

Not available.

**SECTION 16****OTHER INFORMATION****NFPA Hazard Classification**

**Health:** 3    **Flammability:** 0    **Instability:** 0    **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

**DISCLAIMER:** This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Sage Products, LLC. to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communications regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Sage Products, LLC assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.

**Issue Date:** 06-07-2017

**Supersedes Date:** 00-00-0000



