



## SAFETY DATA SHEET

### SECTION 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

- 1.1 **PRODUCT NAME:** Sage Oral Solution
- 1.2 **PRODUCT NUMBERS:** 6938-BP, 6934-BP, 6944-BP, 6977-BP, 6938-X, 6934-X, 6977-X  
**SAGE ITEM NUMBER:** R8784, R8783
- 1.3 **DISTRIBUTER'S NAME:** Sage Products, LLC.  
**ADDRESS:** 3909 Three Oaks Rd.  
Cary, IL 60013  
**REGULAR TELEPHONE:** 800-323-2220
- 1.4 **MANUFACTURER:** Xttrium  
**ADDRESS:** 1200 E Business Center Dr.  
Mt. Prospect, IL 60056
- 1.5 **EMERGENCY TELEPHONE:** CHEMTREC (800) 424-9300

### SECTION 2 HAZARD IDENTIFICATION

- 2.1 **HAZ-CLASS:** Not classified as hazardous according to OSHA communication standard.
- 2.2 **LABEL ELEMENTS:** Not Applicable.
- 2.3 **HAZARDS ELEMENTS NOT OTHERWISE CLASSIFIED:** None.
- 2.4 **POTENTIAL HEALTH HAZARD**

**INGESTION:** Ingestion of large amounts may cause stomach irritation. If irritation persists seek medical attention.

**SKIN CONTACT:** In the unlikely event that irritation occurs, flush with water. If irritation persists, seek medical attention.

**EYE CONTACT:** Keep out of eyes. If contact occurs rinse promptly and thoroughly with water. If Irritation persists, seek medical attention.

**INHALATION:** Unlikely due to physical form.

**SECTION 3****COMPOSITION/INFORMATION ON INGREDIENTS****3.1 MIXTURE**

<u>CHEMICAL NAME(S)</u>	<u>CAS NO.</u>	<u>% CONCENTRATION</u>
Water	7732-18-5	Trade Secret
Ethyl Alcohol	64-17-5	Trade Secret
Glycerin	56-81-5	Trade Secret
Chlorhexidine Digluconate	18472-51-0	Trade Secret
Sorbitan, Isooctadecanoate, poly(oxy-1,2-ethanediyl) derivatives	58205-96-2	Trade Secret
Sodium Saccharin	128-44-9	Trade Secret
C.I Acid Blue 9, disodium salt	3844-45-9	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:** Ingestion of large amounts may cause stomach irritation. Drink a glass of water. If irritation persists seek medical attention.

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 min. If irritation persists get medical attention.

**SKIN CONTACT:** Wash with soap and water. Seek medical advice if skin irritation develops or persists.

**INHALATION:** Unlikely due to physical form.

**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:**  
No additional information available.

**SECTION 5****FIRE FIGHTING MEASURES**

**5.1 SUITABLE EXTINGUISHING MEDIA:** Use water spray, dry chemical, alcohol foam or CO<sub>2</sub>

**5.2 SPECIFIC HAZARDS ARISING FROM THE MATERIAL:** None known

**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:** Observe precautions from other sections.
- 6.2 ENVIRONMENTAL PRECAUTIONS:** FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS. Check with local sanitary sewer system/wastewater treatment facility before disposing to public sewer or any body of water for large spill. Discarded product is not hazardous waste under RCRA, 40 CFR 261.
- 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP:** Scoop the liquid and contain it in an ordinary container. Wash with water the remaining residue on the floor and mop dry to remove the slippery substance. Can also use sand to contain, collect and clean the affected area. Dispose of in accordance with all local, state, and federal regulations.

**SECTION 7****HANDLING & STORAGE REQUIREMENTS**

- 7.1 PRECAUTIONS FOR SAFE HANDLING:** Avoid contact with eyes. Wash thoroughly after handling.
- 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**  
Handling/storage area must be well ventilated, cool and dry. Materials must be isolated from potential sources of ignition. Firefighting equipment must be available at all times.

**SECTION 8****EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 OCCUPATIONAL EXPOSURE LIMITS**

<u>Chemical Name(s)</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>% Concentration</u>	<u>PEL/TLV</u>
Ethyl Alcohol	Ethyl Alcohol	64-17-5	Trade secret	STEL 1000 ppm
Glycerin	Glycerin	56-81-5	Trade secret	PEL 5mg/m3

**8.2 ENGINEERING CONTROLS:** None required with normal handling or consumer use.

**8.3 PERSONAL PROTECTIVE EQUIPMENT (PPE):**

**EYE/FACE PROTECTION:** None required with normal handling or consumer use.

**SKIN PROTECTION:** None required with normal handling or consumer use. For continual contact a nitrile exam type glove may be worn.

**RESPIRATORY PROTECTION:** None required with normal handling or consumer use.

**SECTION 9****PHYSICAL & CHEMICAL PROPERTIES**

**APPEARANCE:** Clear/blue

**ODOR:** Minty

**ODOR THRESHOLD:** Not determined

**PHYSICAL STATE:** Liquid

**VAPOR PRESSURE:** 721mm Hg

**VAPOR DENSITY:** Not applicable

**BOILING POINT:** Not determined

**PH:** Not determined

**FLAMMABILITY:** Not applicable

**UPPER FLAMMABLE LIMIT:** Not applicable

**LOWER FLAMMABLE LIMIT:** Not applicable

**AUTO-IGNITION TEMPERATURE:** Not applicable

**VISCOSITY:** Not applicable

**FLASHPOINT (Method Used):** >200°F

**RESERVE ALKALINITY:** Not determined

**SOLUBILITY'S:** Water

**DECOMPOSITION TEMPERATURE:** Not determined

**EVAPORATION RATE:** Not determined.

**SPECIFIC GRAVITY/RELATIVE DENSITY:** 1

**MELTING/FREEZING POINT:** Not determined

**SECTION 10****STABILITY & REACTIVITY**

**10.1 REACTIVITY:** No additional information available.

**10.2 CHEMICAL STABILITY:** Stable at normal handling and storage conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur.

**10.4 CONDITIONS TO AVOID:** Protect from light avoid acidic conditions and avoid prolonged exposure to elevated temperatures. Maintain at or below 77°F and above 32°F

**10.5 INCOMPATIBLE MATERIAL:** None

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS:** Not Determined

**SECTION 11****TOXICOLOGICAL INFORMATION****Information on Toxicological effects**

**ACUTE EYE:** May cause redness and irritation

**ACUTE SKIN:** Non-irritating.

**ACUTE RESPIRATORY:** Not applicable

**SENSITIZATION:** Non-sensitizing under normal conditions of use.

**TARGET ORGANS:** No target organs reported.

**INHALATION:** Unlikely due to physical form.

**INGESTION:** Not likely. Considered non-toxic.

**TOXICITY:** Non-toxic.

**IMMEDIATE EFFECTS:** Soothing and cleansing sensation.

**DELAYED EFFECTS:** None known.

**CHRONIC EFFECTS (SHORT AND LONG):** No chronic health effects reported.

**BIRTH DEFECTS/REPRODUCTIVE HARM:** This product contains ethanol. There are data associating human consumption of alcoholic beverages (ethanol) with developmentally toxicity. This is not an expected effect during the foreseeable use of the product.

**CARCINOGENICITY:** This finished consumer product is not carcinogenic.

NTP: No

OSHA: No

IARC: Yes

**NOTE:** This product contained ethanol. An IARC published Monograph NO.44, entitled, "Alcohol Drinking", the carcinogenicity of ethanol was determined based on chronic exposure through human consumption of alcoholic beverages. This is not an expected effect during the foreseeable use of this product.

## SECTION 12 ECOLOGICAL INFORMATION

### 12.1 Ecotoxicological Information

This product ingredients are expected to be safe for the environment at concentrations predicted under normal product use and distribution. Packaging components are compatible with the conventional solid waste management.

### 12.2 Persistence and Degradability

No additional information available.

### 12.3 Bioaccumulative Potential

#### Ethyl Alcohol (64-17-5)

Low Pow -0.32

#### Glycerin (56-81-5)

BDF fish 1 (no bioaccumulation)

Low Pow -1.76

#### Sodium Saccharin (128-44-9)

Low Pow .91

### 12.4 Mobility in Soil

No additional information available.

### 12.5 Hazardous to the Ozone Layer

No additional information available.

## SECTION 13

## DISPOSAL CONSIDERATION

**WASTE DISPOSAL METHOD:** Disposal is to be performed in compliance with federal, state/provincial and local/regional/national/international regulations.

*NON-HOUSEHOLD SETTING (US FEDERAL):* Product covered by this SDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (4 CFR part 261). Disposal should be in accordance with local, state/provincial and Federal regulations.

*NON-HOUSEHOLD SETTING:* Disposal is to be performed in compliance with federal, state/provincial and local/regional/national/international regulations.

*HOUSEHOLD USE:* Consumer may re-use, discard or recycle (where facilities exist) empty container.

## 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 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 EPA 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 - No

**15.2 STATES**

CA Prop 65 – This product is no subject to warning labeling under California Proposition 65.  
SARA 313/302/304/311/312 chemicals: None  
CERCLA CHEMICALS: None

The following ingredients present in the finished product are listed on the state-right to know lists or state exposure lists:

Glycerin (CAS# 56-81-5) CA, IN, KY, MA, NJ, MN, OR, PA, TN

Ethyl Alcohol (CAS# 64-17-5) MA, MN, NJ, PA,

Sodium Saccharin (CAS# 128-44-9) MA, PA

C.I. Acid Blue 9, disodium salt (CAS# 3844-45-9) MA

**15.3 CANADA**

Not available.

**15.4 INTERNATIONAL REGULATIONS**

Not available.

<b>SECTION 16</b>	<b>OTHER INFORMATION</b>
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**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.

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