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## SECTION 1: Identification

### 1.1 Product identifier

Product name EncapPLUS

### 1.4 Supplier's details

Name HOSPECO  
Address 10966 Industrial Parkway  
Bolivar OH 44612

Telephone 330-874-1017

### 1.5 Emergency phone number(s)

US, Canada: 800-255-3924. International: +01-813-248-0585

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## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

**GHS classification in accordance with: OSHA (29 CFR 1910.1200)**

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1A
- Sensitization, skin, Cat. 1
- Oxidizing liquids, Cat. 3

### 2.2 GHS label elements, including precautionary statements

#### Pictogram



#### Signal word

**Danger**

#### Hazard statement(s)

H272 May intensify fire; oxidizer  
H314 Causes severe skin burns and eye damage  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage

#### Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P220 Keep/Store away from clothing/.../combustible materials.

P221	Take any precaution to avoid mixing with combustibles/...
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash exposed areas thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Encapsulating Polymer Blend

Concentration > 10 - < 30 % (weight)

- Eye damage/irritation, Cat. 1

H318 Causes serious eye damage

##### 2. Hydrogen peroxide

Concentration > 0 - < 5 % (weight)

EC no. 231-765-0

CAS no. 7722-84-1

Index no. 008-003-00-9

- Oxidizing liquids, Cat. 1

- Skin corrosion/irritation, Cat. 1A

- Acute toxicity, inhalation, Cat. 4

- Acute toxicity, oral, Cat. 4

H271 May cause fire or explosion; strong oxidizer

H314 Causes severe skin burns and eye damage

##### 3. Fragrance

Concentration > 0 - < 5 % (weight)

- Flammable liquids, Cat. 3

- Acute toxicity, dermal, Cat. 5

- Acute toxicity, inhalation, Cat. 5

- Acute toxicity, oral, Cat. 5

- Aspiration hazard, Cat. 1

- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1B
- Eye damage/irritation, Cat. 2A

H226	Flammable liquid and vapor
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways
H313	May be harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled

**4. Alcohols, C9-11, ethoxylated**

Concentration	> 0 - < 5 % (weight)
EC no.	614-482-0
CAS no.	68439-46-3

- Eye damage/irritation, Cat. 1

H302	Harmful if swallowed
H318	Causes serious eye damage

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

If inhaled	Remove person to fresh air and keep comfortable for breathing. Keep patient at rest and give oxygen if breathing difficult. If symptoms continue, get medical attention.
In case of skin contact	Wash affected skin with plenty of water. If irritation (redness, rash, blistering) develops, get medical attention. Take off contaminated clothing and wash it before reuse.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
If swallowed	Call a physician (or poison control centre immediately). Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

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## SECTION 5: Fire-fighting measures

**5.1 Suitable extinguishing media**  
As appropriate for surrounding fire.

**5.2 Specific hazards arising from the chemical**  
Thermal decomposition can lead to the release of irritating and toxic gasses.

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## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin contact. Do not get in eyes. Wear protective gloves/protective clothing/eye protection/face protection.

**6.2 Environmental precautions**

Contain spillages with sand, earth or any suitable adsorbent material. Do not allow to enter drains, sewers or waterways.

**6.3 Methods and materials for containment and cleaning up**

Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. Prevent water running into sewers.

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Avoid skin contact. Do not get in eyes. Avoid breathing mist/spray.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep in a well ventilated place. Store at temperatures not exceeding 50°C / 122 °F. Protect from sunlight.

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**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**1. Hydrogen peroxide (CAS: 7722-84-1)**

PEL (Inhalation): 1 ppm; USA (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1.4 mg/m<sup>3</sup>; USA (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1 ppm; USA (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 1 ppm; USA (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): 1 ppm; USA (ACGIH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**8.3 Individual protection measures, such as personal protective equipment (PPE)**

**Eye/face protection**

Wear protective eyewear (goggles, face shield, or safety glasses).

**Skin protection**

Gloves (PVC, Neoprene, or Natural rubber).

**Respiratory protection**

Not typically required

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**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

Appearance/form (physical state, color, etc.)	Transparent liquid
Odor	Lemon
Odor threshold	No data available
pH	5.5-7.0
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	>200F
Evaporation rate	No data available
Flammability (solid, gas)	Not flammable
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.01-1.06
Solubility(ies)	Water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	As water
Explosive properties	No data available
Oxidizing properties	No data available

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## **SECTION 10: Stability and reactivity**

### **10.2 Chemical stability**

Stable under normal conditions.

### **10.4 Conditions to avoid**

Elevated temperature

### **10.5 Incompatible materials**

Strong acids

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## **SECTION 11: Toxicological information**

### **Information on toxicological effects**

#### **Skin corrosion/irritation**

Causes skin irritation

#### **Serious eye damage/irritation**

Causes eye damage

#### **Respiratory or skin sensitization**

May cause an allergic skin reaction

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## **SECTION 12: Ecological information**

### **Persistence and degradability**

Biodegradable

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## SECTION 13: Disposal considerations

### Disposal of the product

Dispose in accordance with local, state, and national guidelines.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### New Jersey Right To Know Components

Water

CAS-number: 7732-18-5

Hydrogen peroxide

CAS number: 7722-84-1

#### Pennsylvania Right To Know Components

Water

CAS-number: 7732-18-5

Hydrogen peroxide

CAS number: 7722-84-1

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302:

Hydrogen peroxide

CAS-Number: 7722-84-1

#### SARA 311/312 Hazards

Reactivity Hazard, Acute Health Hazard, Chronic Health Hazard

#### Massachusetts Right To Know Components

Hydrogen peroxide

CAS number: 7722-84-1

#### California Prop. 65 Components

# EncapPLUS

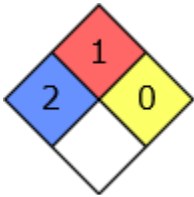
## SAFETY DATA SHEET

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### HMIS Rating

EncapPLUS	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

### NFPA Rating



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## SECTION 16: Other information

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.