



**SAFETY DATA SHEET**  
**Erado-Sol & E-Sol Foamy, Fragrance & Dye**  
**Free**

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Revision: 12/06/2021

Supersedes Revision: 12/02/2020

## 1. Product and Company Identification

<b>Product Code:</b>	307 VAR 2021
<b>Product Name:</b>	Erado-Sol & E-Sol Foamy, Fragrance & Dye Free
<b>Company Name:</b>	Cambridge Diagnostic Products, Inc. 6880 NW 17th Avenue Fort Lauderdale, FL 33309
<b>Phone Number:</b>	011 (954)971-4040
<b>Web site address:</b>	www.ecamco.com
<b>Email address:</b>	techinfo@ecamco.com
<b>Emergency Contact:</b>	INFOTRAC USA & Canada #107913 International #107913
<b>Information:</b>	1 (800)535-5053 11 (352)323-3500 Collect calls accepted
<b>Intended Use:</b>	NON INDUSTRIAL USE - Typically sold in small quantity for laboratory use, 1 gallon or less, as individual stain removal wipes

## 2. Hazards Identification

### Serious Eye Damage/Eye Irritation, Category 2B

<b>GHS Signal Word:</b>	<b>Warning</b>
<b>GHS Hazard Phrases:</b>	H320 - Causes eye irritation. H302 - Harmful if swallowed.
<b>GHS Precaution Phrases:</b>	P262 - Do not get in eyes.
<b>GHS Response Phrases:</b>	P301 - IF SWALLOWED: Get immediate medical attention. Physician may induce vomiting, if necessary. May cause dizziness, diarrhea, strong cramps and may damage the esophagus and stomach. P315 - Get immediate medical advice/attention. (upon accidental ingestion) P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention.
<b>GHS Storage and Disposal Phrases:</b>	P404 - Store in a closed container.
<b>Potential Health Effects (Acute and Chronic):</b>	Hazards not otherwise classified (HNOC) or not covered by GHS. Repeated or prolonged exposure may cause allergic reactions in sensitive individuals. Prolonged or repeated skin contact may cause dermatitis.
<b>Inhalation:</b>	No hazard expected when used as directed.
<b>Skin Contact:</b>	Non-irritating to the skin.
<b>Eye Contact:</b>	May cause severe eye irritation and possible injury.
<b>Ingestion:</b>	No hazard expected when used as directed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be harmful if swallowed.

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
64-17-5	Ethyl alcohol {Ethanol; R-E170, HE-170}	< 0.5 %	KQ6300000



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## 4. First Aid Measures

### Emergency and First Aid

#### Procedures:

- In Case of Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
- In Case of Skin Contact:** Not expected to present a skin irritation. For dry skin condition, use a high quality emollient cream. Discontinue use if signs of irritation or rash appear.
- In Case of Eye Contact:** Gently lift eyelids and flush continuously with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
- In Case of Ingestion:** Get immediate medical advice/attention. (upon accidental ingestion) IF SWALLOWED: Get immediate medical attention. Physician may induce vomiting, if necessary. May cause dizziness, diarrhea, strong cramps and may damage the esophagus and stomach.
- Note to Physician:** Treat symptomatically and supportively.

## 5. Fire Fighting Measures

**Flash Pt:** > 93.00 C (199.4 F) Method Used: Closed Cup

**Explosive Limits:** LEL: N.A. UEL: N.A.

**Autoignition Pt:** NP

**Suitable Extinguishing Media:** Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

**Flammable Properties and**

**Hazards:**

No data available.

No data available.

## 6. Accidental Release Measures

**Protective Precautions,** Is not required.

**Protective Equipment and**  
**Emergency Procedures:**

**Environmental Precautions:** Product: No procedure necessary. Rinse with water and dispose.

**Steps To Be Taken In Case**  
**Material Is Released Or**  
**Spilled:** Spills/Leaks: Clean area with water and dispose of paper towels or wash towels when done. Forms smooth, slippery surfaces on floors, posing an accident risk.

## 7. Handling and Storage

**Precautions To Be Taken in** No special handling procedures are required. Do not get in eyes.  
**Handling:**

**Precautions To Be Taken in** Containers which are opened must be carefully resealed and kept upright to prevent  
**Storing:** leakage. Do not mix with any chemicals other than water. DO NOT MIX WITH  
HOUSEHOLD BLEACH (SODIUM HYPOCHLORITE).

**Other Precautions:** Recommended storage temperatures: 10-32°C/50-90°F.

## 8. Exposure Controls/Personal Protection



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CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-17-5	Ethyl alcohol {Ethanol; R-E170, HE-170}	PEL: 1000 ppm	TLV: 1000 ppm	No data.

**Respiratory Equipment (Specify Type):** Respirator protection is not normally required.

**Eye Protection:** Eye protection is not normally required.

**Protective Gloves:** Protective gloves not required.

**Other Protective Clothing:** Protective garments not normally required.

**Engineering Controls (Ventilation etc.):** There are no special ventilation requirements.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good hygiene and safety practice.

## 9. Physical and Chemical Properties

**Physical States:** [ ] Gas    [ X ] Liquid    [ ] Solid

**Appearance and Odor:** Colorless.

Slightly. Alcohol-like.

**pH:** 6.50 - 7.50

**Freezing Point:** ~ -4.00 C (24.8 F)

**Boiling Point:** ~ 85.00 C (185.0 F) - 88.00 C (190.4 F)

**Flash Pt:** > 93.00 C (199.4 F) Method Used: Closed Cup

**Evaporation Rate:** No data.

**Flammability (solid, gas):** None.

**Explosive Limits:** LEL: N.A.    UEL: N.A.

**Vapor Pressure (vs. Air or mm Hg):** NA

**Vapor Density (vs. Air = 1):** NP

**Specific Gravity (Water = 1):** 1.01 - 1.1

**Density:** NP

**Solubility in Water:** Completely

**Solubility Notes:** Completely miscible in water in any proportion.

**Percent Volatile:** < 0.5 %

**Autoignition Pt:** NP

**Decomposition Temperature:** NA

## 10. Stability and Reactivity

**Stability:** Unstable [ ]    Stable [ X ]

**Conditions To Avoid -** None.

**Instability:**

**Incompatibility - Materials To Avoid:** DO NOT MIX WITH HOUSEHOLD BLEACH (SODIUM HYPOCHLORITE). Do not mix with any chemicals other than water.

**Hazardous Decomposition or Byproducts:** None.

**Possibility of Hazardous Reactions:** Will occur [ ]    Will not occur [ X ]

**Conditions To Avoid -** No data available.

**Hazardous Reactions:**



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## 11. Toxicological Information

**Toxicological Information:** Epidemiology: No Information available. No data available.

Teratogenicity: No data available.

**Irritation or Corrosion:** Serious eye damage/eye irritation:

**Sensitization:** No data available.

**Carcinogenicity:** NTP? No    IARC Monographs? No    OSHA Regulated? No

## 12. Ecological Information

**General Ecological Information:** Surfactant(s) used in Erado-Sol /E-Sol Foamy are Readily Biodegradable.

**Persistence and Degradability:** Surfactant(s) used in Erado-Sol /E-Sol Foamy are Readily Biodegradable.

**Bioaccumulative Potential:** None.

## 13. Disposal Considerations

**Waste Disposal Method:** Product: No procedure necessary. Rinse with water and dispose.

## 14. Transport Information

**GHS Classification:** Serious Eye Damage/Eye Irritation, Category 2B - Warning! Causes eye irritation

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not regulated as a hazardous material. Ethanol. Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

## 15. Regulatory Information

### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64-17-5	Ethyl alcohol {Ethanol; R-E170, HE-170}	No	No	No

**This material meets the EPA [ ] Yes [X] No Acute (immediate) Health Hazard**

**'Hazard Categories' defined [ ] Yes [X] No Chronic (delayed) Health Hazard**

**for SARA Title III Sections [ ] Yes [X] No Fire Hazard**

**311/312 as indicated: [ ] Yes [X] No Sudden Release of Pressure Hazard**

**[ ] Yes [X] No Reactive Hazard**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-17-5	Ethyl alcohol {Ethanol; R-E170, HE-170}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 0844; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No



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### 16. Other Information

**Revision Date:** 12/06/2021

**Additional Information About** No data available.

**This Product:**

**Company Policy or  
Disclaimer:**

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