



## Safety Data Sheet

Material Name: E-Brite 30/32

SDS ID: EPI-0039

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### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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**Material Name**

E-Brite 30/32

**Chemical Family**

HCD Booster.

**Product Use**

HCD Booster.

**Details of the supplier of the safety data sheet**

Electrochemical Products Inc.

17000 West Lincoln Ave

New Berlin, WI 53151

Phone: 262-786-9330

Emergency Phone #: NCEC (#EPI-29003) +1 202 464 2554, +44 1865 407333

E-mail: us-sales@epi.com

www.epi.com

Fax: 262-786-9403

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### Section 2 - HAZARDS IDENTIFICATION

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**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

None needed according to classification criteria

**GHS Label Elements**

**Symbol(s)**

None needed according to classification criteria

**Signal Word**

None needed according to classification criteria

**Hazard Statement(s)**

None needed according to classification criteria.

**Precautionary Statement(s)**

**Prevention**

None needed according to classification criteria.

**Response**

None needed according to classification criteria.

**Storage**

None needed according to classification criteria.



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### Disposal

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

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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| CAS       | Component Name | Percent |
|-----------|----------------|---------|
| 7732-18-5 | Water          | 70-75   |

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### Section 4 - FIRST AID MEASURES

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#### Inhalation

If inhaled, immediately remove the affected person to fresh air.

#### Skin

Wash skin with soap and water.

#### Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

#### Ingestion

Give several glasses of water. Never give anything by mouth to a victim who is unconscious or is having convulsions. Call a physician immediately.

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### Section 5 - FIRE FIGHTING MEASURES

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#### Extinguishing Media

##### Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

##### Unsuitable Extinguishing Media

None identified.

#### Special Hazards Arising from the Chemical

None identified.

#### Hazardous Combustion Products

None identified.

#### Advice for firefighters

None identified.

#### Fire Fighting Measures



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None identified.

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### Section 6 - ACCIDENTAL RELEASE MEASURES

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#### Personal Precautions, Protective Equipment and Emergency Procedures

None identified.

#### Methods and Materials for Containment and Cleaning Up

None identified.

#### Environmental Precautions

Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. Flush area with water to remove trace residue. Put material in suitable, covered, labeled containers. Do not allow the spilled product to enter public drainage system or open water courses. Incinerate spent absorbent material in an approved incinerator.

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### Section 7 - HANDLING AND STORAGE

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#### Precautions for Safe Handling

Wash thoroughly after handling. Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

#### Conditions for Safe Storage, Including any Incompatibilities

None needed according to classification criteria.

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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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#### Component Exposure Limits

ACGIH, NIOSH, EU, OSHA (US) and Mexico have not developed exposure limits for any of this product's components

#### EU - Occupational Exposure (98/24/EC) - Binding Biological Limit Values and Health Surveillance Measures

There are no biological limit values for any of this product's components.

#### ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

There are no biological limit values for any of this product's components.

#### Engineering Controls

Use general ventilation.



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### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/face protection

Wear safety glasses with side shields. It is generally recommended that contact lenses should not be worn when working with chemicals because they may contribute to the severity of an eye injury.

#### Skin Protection

Recommended gloves include rubber, neoprene, nitrile or viton. Use of overalls and long sleeves is recommended.

#### Respiratory Protection

None.

#### Glove Recommendations

Recommended gloves include rubber, neoprene, nitrile or viton.

#### Protective Materials

Eye wash fountain and emergency showers are recommended.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

|                              |                          |   |                          |
|------------------------------|--------------------------|---|--------------------------|
| <b>Appearance</b>            | Light blue solution      | <b>Physical State</b>                         | Liquid                   |
| <b>Odor</b>                  | Odorless                 | <b>Color</b>                                  | light blue               |
| <b>Odor Threshold</b>        | Not available            | <b>pH</b>                                     | 9 - 10.4                 |
| <b>Melting Point</b>         | Not available            | <b>Boiling Point</b>                          | 212 °F (100 °C)          |
| <b>Freezing point</b>        | 32 °F (0 °C)             | <b>Evaporation Rate</b>                       | (Approx. equal to Water) |
| <b>Boiling Point Range</b>   | Not available            | <b>Flammability (solid, gas)</b>              | Not available            |
| <b>Autoignition</b>          | Not available            | <b>Flash Point</b>                            | Not available            |
| <b>Lower Explosive Limit</b> | Not available            | <b>Decomposition</b>                          | Not available            |
| <b>Upper Explosive Limit</b> | Not available            | <b>Vapor Pressure</b>                         | Not available            |
| <b>Vapor Density (air=1)</b> | (Approx. equal to water) | <b>Specific Gravity (water=1)</b>             | 1.05 - 1.13              |
| <b>Water Solubility</b>      | Completely               | <b>Partition coefficient: n-octanol/water</b> | Not available            |
| <b>Viscosity</b>             | Not available            | <b>Solubility (Other)</b>                     | Not available            |
| <b>Density</b>               | Not available            | <b>VOC</b>                                    | 0                        |



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### Section 10 - STABILITY AND REACTIVITY

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**Reactivity**

Will not occur.

**Chemical Stability**

This is a stable material.

**Conditions to Avoid**

None.

**Incompatible Materials**

None identified.

**Hazardous decomposition products**

None.

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### Section 11 - TOXICOLOGICAL INFORMATION

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**Acute and Chronic Toxicity****Component Analysis - LD50/LC50**

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Water (7732-18-5)

Oral LD50 Rat >90 mL/kg

**Immediate Effects**

No information on significant adverse effects.

**Delayed Effects**

No information on significant adverse effects.

**Irritation/Corrosivity Data**

No data available.

**Respiratory Sensitization**

No data available.

**Dermal Sensitization**

No data available.

**Component Carcinogenicity**

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

**Germ Cell Mutagenicity**

No data available.



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### **Tumorigenic Data**

No data available

### **Reproductive Toxicity**

No data available.

### **Specific Target Organ Toxicity - Single Exposure**

No data available.

### **Specific Target Organ Toxicity - Repeated Exposure**

No data available.

### **Aspiration hazard**

No data available.

### **Medical Conditions Aggravated by Exposure**

No data available.

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## Section 12 - ECOLOGICAL INFORMATION

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### **Component Analysis - Aquatic Toxicity**

No LOLI ecotoxicity data are available for this product's components

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## Section 13 - DISPOSAL CONSIDERATIONS

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### **Disposal Methods**

Dispose of waste material in accordance with all applicable Federal, State or provincial and local environmental regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations. Do not allow this material to drain into sewers/water supplies.

### **Component Waste Numbers**

The U.S. EPA has not published waste numbers for this product's components

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## Section 14 - TRANSPORT INFORMATION

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### **US DOT Information:**

No Classification assigned.

### **TDG Information:**

No Classification assigned.

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## Section 15 - REGULATORY INFORMATION

### U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

### U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA

### Not listed under California Proposition 65

### Canada Regulations

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL. This is a non-controlled product under the Canadian WHMIS regulations.

### Component Analysis - Inventory

Water (7732-18-5)

| US  | CA  | EU  | AU  | PH  | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN  | NZ  | MX  |
|-----|-----|-----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|-----|
| Yes | DSL | EIN | Yes | Yes | No        | No        | Yes            | No        | Yes | Yes | Yes |

## Section 16 - OTHER INFORMATION

### HMIS Rating

Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### NFPA Ratings

Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan



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Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; JP - Japan; Kow - Octanol/water partition coefficient; KECI - Korea Existing Chemicals Inventory; KECL - Korea Existing Chemicals List; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH-Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act.; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### Other Information

#### Disclaimer:

Reasonable care has been taken in the preparation of this information; however, the manufacturer makes no warranty whatsoever including the warranty of merchantability, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental, consequential, or other such damages resulting from its use or misuse..