



# **MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME: REVIVE STONE ENHANCER CST22**

## **SECTION 1 COMPANY AND PRODUCT IDENTIFICATION**

**PRODUCT NAME:** Revive Stone Enhancer

### **COMPANY INFORMATION**

Manufacturer Bridgepoint Systems, 4282 S590 W, Salt Lake City, Utah 84123

Company Phone Number: 801-261-1282

Emergency Phone Number: 1-800-535-5053 (Infotrac)

Date Prepared: 02/01/2011

Hazard Rating (Zero=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Fire: 0 Health: 1 Reactivity: 0

## **SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS**

<b>HAZARDOUS INGREDIENTS:</b>	<b>TLV</b>	<b>OSHA PEL</b>
Glycol Ether EB (CAS # 111-76-2)	20ppm	50ppm

## **SECTION 3 HAZARDS IDENTIFICATION**

### **IMMEDIATE HEALTH EFFECTS**

**Eyes:** Overexposure may cause irritation to eyes.

**Skin:** Overexposure may cause mild skin irritation. Prolonged or related exposure may dry the skin. Symptoms may include redness, burning, drying and cracking. Additional symptoms of skin contact may include allergic skin reaction. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

**Inhalation:** Short term inhalation may irritate mucous membranes. Breathing large amounts may be harmful.

**Ingestion:** May be harmful or fatal if swallowed.

**PRIMARY ROUTES OF ENTRY:** Eyes, skin contact, inhalation or ingestion.

**SIGNS/SYMPTOMS OF OVEREXPOSURE:** Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

**TARGET ORGAN EFFECTS:** Irritation of the skin and eyes. Irritation of lungs possible if mists/aerosols are inhaled repeatedly.

**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No data available.

**CARCINOGENIC INFORMATION:** None of the ingredients of this material are listed as carcinogens by IARC, NTP, or OSHA.

**LONG TERM EFFECTS:** No data available.

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**SECTION 4 FIRST AID MEASURES**

**EYES:** Flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

**SKIN:** If irritation occurs, flush skin with water for at least 15 minutes. If irritation persists, consult a physician

**INHALATION:** If symptoms of overexposure develop, remove to fresh air. If symptoms persist, consult a physician.

**INGESTION:** Give 8 to 16 ounces of water to dilute substance. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

**SECTION 5 FIRE FIGHTING MEASURES**

**FLASHPOINT (° Fahrenheit):** >200°F

**EXPLOSIVE LIMITS:** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**HAZARDOUS PRODUCTS OF DECOMPOSITION:** In the event of fire, the following may be released: Carbon dioxide and/or carbon monoxide. Toxic products such as HF and other perfluorinated organic compounds may be formed at high temperatures above 200 °C or when burned.

**EXTINGUISHING MEDIA:** Water spray, foam, dry chemical powder of carbon dioxide.

**FIRE FIGHTING INSTRUCTIONS:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fireexposed containers cool.

**NFPA/HMIS RATINGS:** Health: 1, Flammability: 0, Reactivity: 0

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** For small spills, soak up material with an absorbent such as clay, sand, or other suitable material and dispose of properly. Flush area with water to remove trace residue.

**LARGE SPILL:** Wear respirator and protective clothing as appropriate. Shut off source of leak if it is safe to do so. Dike and contain spilled material. Remove with vacuum trucks or pump to storage/salvage containers. Soak up residue with an absorbent such as clay, sand, or other suitable material. Flush area with water to remove trace residue.

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**SECTION 7 HANDLING AND STORAGE**

**HANDLING:** Handle and open containers with care. Do not handle near an open flame, heat, or other source of ignition. Do not aerosolize. Always provide good ventilation. Use only low pressure sprayers (less than 60 psi). Never use a “power painter” as they generate high pressure and aerosolize product. Wear NIOSH/MSHA approved respiratory protection. Since emptied containers retain product residues, (vapor, liquid, and/or solid) all hazard precautions given in the data sheet must be observed.

**STORAGE:** Keep tightly closed. Store in a cool, well ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight. Use proper grounding procedures due to electrostatic accumulation hazard. **Do not allow to freeze as it is not freeze thaw stable.**

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EYE/FACE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses. Consult your safety representative.

**SKIN PROTECTION:** Wear rubber gloves (consult your safety representative). Wear impervious clothing and boots to prevent repeated or prolonged skin contact.

**RESPIRATORY PROTECTION:** If workplace exposure limits of product or any component are exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your safety representative). **Do not aerosolize this product.** If this product is to be sprayed, use only low pressure (less than 60 psi) sprayers.

**ENGINEERING CONTROLS:** Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE AND ODOR:** White milky emulsion with mild ester odor.

**pH:** 4.0-5.0

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** No data available.

**BOILING POINT:** Approximately 212o F

**SOLUBILITY IN WATER:** Dispersible.

**EVAPORATION RATE:** (water = 1) approximately 1

**DENSITY:** 1.0 +/- 0.04 g/ml

**SECTION 10 STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable.

**CONDITIONS TO AVOID:** Static discharge, heat, open flame, and other sources of ignition.

**MATERIALS TO AVOID:** Oxidizing materials and water.

**HAZARDOUS PRODUCTS OF DECOMPOSITION:** In case of fire or extreme heat, the following may be produced: oxides of carbon and toxic fluorinated compounds may be formed during combustion.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

**ROUTES OF EXPOSURE:** Skin absorption, eye contact, inhalation, and ingestion.

**CARCINOGENICITY:** None of the components of this material are listed as carcinogens by IARC, NTP, or OSHA.

**TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS:** No data available.

**CONDITIONS AGGRAVATED BY EXPOSURE:** No data available.

**SYNERGISTIC MATERIALS:** No data available.

**Glycol Ether EB** - Oral Rat LD50: 500- 3000 mg/kg Dermal Rabbit LD50: 400 mg/kg; Inhalation Rat LC50: 450 ppm. (4 hours)

**SECTION 12 ECOLOGICAL INFORMATION**

No data available.

**SECTION 13 DISPOSAL CONSIDERATIONS**

Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be flushed into a waste treatment sewer where local regulations permit. Larger quantities should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations. **All disposal must be in accordance with all federal, state and local regulations.**

**SECTION 14 TRANSPORT INFORMATION**

No restrictions for Ground, Air, or Maritime Transportation in accordance with 49 CFR parts 100-185.

**SECTION 15 REGULATORY INFORMATION**

**US FEDERAL REGULATIONS**

**TSCA Status:** The intentional components of this product are listed.

**SARA - Section 313** (Toxic Chemical Release Reporting) 40 CFR 372 –Glycol Ether EB Listed.

**CERCLA Reportable Quantities – 40CFR355 APPENDIX A:** None.

**STATE AND LOCAL REGULATIONS**

**MASSACHUSETTS:** Glycol Ether EB (CAS # 111-76-2)

**NEW JERSEY:** Glycol Ether EB (CAS # 111-76-2)

**PENNSYLVANIA:** Glycol Ether EB (CAS # 111-76-2)

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**SECTION 16 OTHER INFORMATION**

This product has no established regulatory information. All regulatory information given is based on individual components of the mixture by component number. While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. BRIDGEPOINT SYSTEMS MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A= Not applicable N/D= Not determined N/E= Not established