



# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: STONE PERFECT CST01**

## SECTION 1: COMPANY AND PRODUCT IDENTIFICATION

**PRODUCT NAME:** Stone Perfect

**Manufacturer:** Bridgepoint Systems, 4282 S 590 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: INGREDIENTS

<u>HAZARDOUS INGREDIENTS:</u>	<u>TLV</u>	<u>OSHA PEL</u>
Glycol Ether PnB (CAS # 5131-66-8)	N/E	N/E
Glycol Ether DB (CAS # 112-34-5)	N/E	N/E
Sodium Metasilicate (CAS # 6834-92-0)	N/E	N/E

## SECTION 3: HEALTH HAZARD INFORMATION

### IMMEDIATE HEALTH EFFECTS

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

**Skin:** Prolonged and repeated contact may cause irritation to skin.

**Inhalation:** Inhalation may cause irritation of upper respiratory passages.

**Ingestion:** Single dose oral toxicity is low. Swallowing large amounts may be harmful.

**PRIMARY ROUTES OF ENTRY:** Eyes, skin contact/absorption, 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.

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

**CARCINOGENICITY:**

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**NTP:** Known – No; Anticipated – No **OSHA:** TLV-A3 for Glycol Ether EB  
**IARC:** Not classifiable as to carcinogenicity to humans.

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

**SECTION 4: EMERGENCY AND FIRST AID PROCEDURES**

**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. Do not induce vomiting. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

**SECTION 5: FIRE, EXPLOSION & REACTIVITY DATA**

**FLASH POINT:** >200°F

**EXPLOSIVE LIMITS:** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**HAZARDOUS PRODUCTS OF COMBUSTION:** Product is not flammable. Use after, carbon dioxide, dry powder or other media appropriate for materials actually involved in fire.

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

**FIRE FIGHTING INSTRUCTIONS:** None.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Extract liquid with cleaning machine or absorb liquid on inert material such as paper, vermiculite, floor absorbent, and dispose of in accordance with local regulations.

**LARGE SPILL:** Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, contain area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be absorbed with inert material such as sand, clay, earth, or floor absorbent, and shoveled into containers. Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify the proper authorities as required that a spill has occurred.

**SECTION 7. PRECAUTIONS FOR HANDLING AND STORAGE**

Store out of reach of children. Keep container closed. Store in a cool, dry location. Avoid freezing or extended storage in high temperatures and away from strong oxidizers and acid products.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ventilation System..... Room ventilation is normally satisfactory. Mechanical assist may be required when vapors or mist are generated.  
Personal Respirators..... Respirator recommended if product is misted. Use NIOSH/MSHA approved respiratory protection.  
Skin Protection..... Rubber gloves are recommended & other clothing that will prevent contact with this product.  
Eye Protection..... Use safety glasses.

**SECTION 9: PHYSICAL DATA**

**Odor:** Slight mint fragrance  
**Physical State:** Liquid.  
**Appearance:** Clear  
**pH RTU** 11.0 to 11.5  
**Specific Gravity :** 1.01  
**Boiling Point:** N/D  
**Freezing/Melting Point:** N/E  
**Vapor Pressure:** N/D  
**Vapor Density:** N/D  
**Solubility in Water:** Complete

**SECTION 10: STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable.

**CONDITIONS TO AVOID:** None with proper storing and handling.

**MATERIALS TO AVOID:** Strong acids and oxidizing materials.

**HAZARDOUS DECOMPOSITION:** Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids and other unidentified thermal decomposition products from this product or its packaging.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

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

**CARCINOGENICITY:**

**NTP:** Known – No; Anticipated – No **OSHA:** TLV-A3 for Glycol Ether EB

**IARC:** Not classifiable as to carcinogenicity to humans.

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

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

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**SYNERGISTIC MATERIALS:** No data available.

**TOXICOLOGY:**

**Glycol Ether DB** – Oral guinea pig LD50: 2000 mg/kg. Dermal Rabbit LD50: 2700 mg/kg.

**Glycol Ether PnB**

Ingestion -LD50, Rat, female 2,124 - 2,700 mg/kg LD50, Rat, male 2,612 - 5,500 mg/kg

Skin Absorption - LD50, Rat > 2,000 mg/kg

**SECTION 12. ECOLOGICAL INFORMATION**

**Sodium Metasilicate** A 96 hour median tolerance for fish (*Gambusia affinis*) of 2320 ppm; a 96 hour median tolerance for water fleas (*Daphnia magna*) of 247 ppm; a 96 hour median tolerance for snail eggs (*Lymnea*) of 632 ppm; and a 96 hour median tolerance for Amphipoda of 160 ppm.

**Glycol Ether PnB**

Fish Acute & Prolonged Toxicity -LC50, guppy (*Poecilia reticulata*), 96 h: 560 - 1,000 mg/l

Aquatic Invertebrate Acute Toxicity -LC50, water flea *Daphnia magna*: > 1,000 mg/l

**Glycol Ether DB:** Oxygen Demand Data: BOD-5: 250 mg/g COD (Chemical Oxygen Demand):: 2,080 mg/g

Acute Aquatic Effects Data: 24 h LC-50 (goldfish): 2700 mg/L 96 h LC-50 (bluegill sunfish): 1300 mg/L

**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. TRANSPORTATION**

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 DB Listed.

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

**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

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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