



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: HARD POWER CC31

## SECTION 1: COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: Hard Power

Manufactured By:

Bridgepoint Systems

4282 W 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: 2 Reactivity: 0

## SECTION 2: INGREDIENTS

HAZARDOUS INGREDIENTS:

TLV

OSHA PEL

Glycol Ether EB (CAS # 111-76-2)

20ppm

50ppm

Glycol Ether DB (CAS # 112-34-5)

N/E

N/E

Trisodium Phosphate (CAS # 7601-54-9)

3mg/m3

5 mg/m3

## 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.

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**CARCINOGENICITY:**

**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:** Nonflammable

**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.

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**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.

**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 floral 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.

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**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.

**SYNERGISTIC MATERIALS:** No data available.

**TOXICOLOGY:**

**Trisodium Phosphate** - Oral Rat LD50: 6500 mg/kg., practically non-toxic Dermal Rabbit LD50:>7940 mg/kg; practically non-toxic Eye Rabbit (4 hr. exposure) corrosive. Skin rabbit moderately irritating.

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

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

**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. TRANSPORTATION**

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

**SECTION 15. REGULATORY INFORMATION**

US Federal Regulations:

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

CERCLA - Section 102 (Reportable Quantity) 40 CFR 302 – Not regulated.

CLEAN WATER ACT - Section 311 (Reportable Quantity) 40 CFR 116 – No information is available.

CLEAN AIR ACT - Section 312 (List of Hazardous Air Pollutants) 40 CFR 63 (Subpart C) - No information is available

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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