



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLEAN XTRACTION CC25GL

SECTION 1: COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: Clean Xtraction

Manufactured By:

Bridgepoint Systems

4282 W 590 W

Salt Lake City, Utah 84123

Company Phone Number: 800-658-5314

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

Date Prepared: 5/31/2011

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

Fire: 0 Health: 1 Reactivity: 0

SECTION 2: INGREDIENTS

HAZARDOUS INGREDIENTS:

TLV

OSHA PEL

Sodium Metasilicate (CAS # 6834-94-0)

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:

Eye Contact: May cause temporary eye irritation, redness, tearing, and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause gastrointestinal temporary irritation with nausea, vomiting and diarrhea
aspiration into the lungs can cause chemical pneumonitis.

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:

NTP: Known – No; Anticipated – No **OSHA:** No **IARC:** No

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: None up to 212°F

EXPLOSIVE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: No data available.

HAZARDOUS PRODUCTS OF COMBUSTION: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

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

FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Keep all unnecessary personnel away. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

SECTION 7. PRECAUTIONS FOR HANDLING AND STORAGE

Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or alkaline products. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation System..... Normal room ventilation is satisfactory for limited use; keep away from heat and flame.
Personal Respirators..... No respiratory protection should be needed.
Skin Protection..... Use gloves impervious to this material when contact could occur.
Eye Protection..... Safety glasses

SECTION 9: PHYSICAL DATA

Odor: Light odor.

Physical State: Liquid.

Appearance: Clear

pH: 10-2-10.7 RTU (12.5 concentrate)

Specific Gravity: 1.064

Boiling Point: 212° F

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 oxidizing or alkaline agents. Aluminum and other reactive metals.

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.

CARCINOGENITY: 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 AGGREGATED BY EXPOSURE: No data available.

SYNERGISTIC MATERIALS: No data available.

Sodium Metasilicate -The acute oral toxicity of this product has not been tested. When sodium silicates were tested on a 100% solids basis, their single dose acute oral LD50 in rats ranged from 1500 mg/kg to 3200 mg/kg. The acute oral lethality resulted from nonspecific causes.

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.

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SECTION 12: ECOLOGICAL INFORMATION

Sodium metasilicate -The following data is reported for sodium silicates on a 100% solids basis: A 96 hour median tolerance for fish (*Gambusia affinis*) of 2320 ppm; a 96hour 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. This material is not persistent in aquatic systems, but its high pH when undiluted or unneutralized is acutely harmful to aquatic life. Diluted material yields dissolved silica in a form that is indistinguishable from natural dissolved silica. It does not contribute to BOD. This material does not bioaccumulate except in species that use silica as a structural material such as diatoms and siliceous sponges.

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

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA - Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 : 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 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