



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLEAN FREE CC27

SECTION 1: COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: Clean Free

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

HAZARDOUS INGREDIENTS:

TLV

OSHA PEL

Sodium Carbonate Peroxyhydrate (CAS # 15630-89-4) See section 8

See section 8

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:

NTP: Known – No; Anticipated – No **OSHA:** No **IARC:** Not classifiable as to carcinogen 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.

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: CLEAN FREE CC27

Page 2 of 4

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

Sweep up for reuse when possible. 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.

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.

Exposure Limit Values:

Authorized limit Values: Particulates not otherwise classified (PNOC)

TLV deg ACGIH-USA (2002): Inhalable 10 mg/m³ TWA Respirable 3 mg/m³ TWA

OSHA PEL: Inhalable 15 mg/m³ TWA Respirable 5 mg/m³ TWA

SAEL (Vendor Acceptable Exposure Limit)

Sodium Carbonate Peroxyhydrate

SAEL (Vendor Acceptable Exposure Limit): 5 mg/m³ TWA

ACGIH and TLV are registered trademarks of the American Conference of Governmental Industrial Hygienists.

SAEL is Vendor Acceptable Exposure Limit, Time-Weighted Average for 8-hour workdays.

No Specific TLV-STEL (Short Term Exposure Level) has been set. Excursions in exposure level may exceed 3 times the TLV-TWA for no more than a total of 30 minutes during a workday and under no circumstances should they exceed 5 times the TLV-TWA.

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: CLEAN FREE CC27

Page 3 of 4

SECTION 9: PHYSICAL DATA

Odor: Slight odor
Physical State: White granular powder.
pH RTU 9.8 to 10.2
Bulk Density : N/D
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:** No

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.

Sodium Carbonate Peroxide

Acute toxicity:

Inhalation: LC50, 1 hour, rat, >4580 mg/m³.

Oral: LD50, rat (combined sexes), 1034 mg/kg.

Dermal: LD50 lo, rabbit, >2000 mg/kg.

Irritation:

Rabbit, Severe damage (eyes).

Rabbit, Slight irritant (skin).

Sensitization: No sensitization was noted when administered as a 75% w/v induction and as a 25% w/v mixture at challenge.

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: CLEAN FREE CC27

Page 4 of 4

SECTION 12. ECOLOGICAL INFORMATION

Sodium Carbonate Peroxihydrate

Acute ecotoxicity:

Fish, Pimephales promelas; LC50, 70.7 mg/L.

Fish, Pimephales promelas; NOEC, 96 hours, 1 mg/L.

Crustaceans, Daphnia pulex; EC50, 4.9 mg/L.

Crustaceans, Daphnia pulex; NOEC, 48 hours, 1 mg/L.

Chronic ecotoxicity: No data.

Mobility:

Air - Not applicable.

Water- Considerable solubility and mobility.

Soil/sediments - Non-significant adsorption.

SECTION 13. DISPOSAL CONSIDERATIONS

Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be reused or 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 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