

Scotch Plaid, Inc.

2969 Reward Lane

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(214)358-2575

## MATERIAL SAFETY DATA SHEET

MSDS Date: 7/21/06

Supersedes:

### Section 1: PRODUCT IDENTIFICATION

PRODUCT NAME: **Brute III**  
PRODUCT DESCRIPTION: **Powder laundry detergent**  
CHEMICAL FAMILY: **Alkaline detergent**  
MANUFACTURER: **Scotch Plaid, Inc.**

### Section 2: HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
Sodium Metasilicate	006834-92-0	0-4%	NE	NE

### Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT: NA  
VAPOR PRESSURE: NA  
VAPOR DENSITY: NA  
SOLUBILITY IN WATER: Complete @ 10% solution  
PHOSPHOROUS CONTENT: 10%  
APPEARANCE AND ODOR: White free flowing powder  
SPECIFIC GRAVITY: NA  
% VOLATILE BY VOLUME: NA  
EVAPORATION RATE: NA  
FREEZING POINT: NA  
pH @ 10% solution in H<sub>2</sub>O: 10- 11@1% solution

### Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT: None  
EXTINGUISHING MEDIA: CO<sub>2</sub>, water  
SPECIAL FIREFIGHTING PROCEDURES: None  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None  
FLAMMABLE LIMITS: NE

### Section 5: HEALTH AND HAZARD DATA

EFFECTS OF OVEREXPOSURE:  
INGESTION: Severe burns to mouth, stomach, esophagus  
SKIN: May cause chemical burns  
EYES: May cause corneal damage  
INHALATION: Irritation to nose, throat & respiratory tract  
IN ALL CASES: Get prompt medical attention if effects persist. NEVER give anything by mouth to an unconscious person.  
FIRST AID PROCEDURES:  
INGESTION: Give plenty of water, do NOT induce vomiting. Seek medical attention.  
SKIN: Wash with plenty of soap and water  
EYES: Rinse with plenty of water  
INHALATION: Remove to a well ventilated area.

### Section 6: REACTIVITY DATA

STABLE: X  
CONDITIONS TO AVOID: Excessive heat and moisture  
INCOMPATIBILITY: Strong oxidizers, aluminum and aluminum alloys  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sulfur and phosphorus  
HAZARDOUS POLYMERIZATION OCCURS: DOES NOT OCCUR: X  
UNSTABLE:  
EXCESSIVE HEAT AND MOISTURE

### Section 7: STORAGE, HANDLING AND USE

STEPS TO FOLLOW IF MATERIAL IS SPILLED OR RELEASED: If not prohibited by fed, state, county, or local laws, absorb spills with absorbent material. Wash surface with water.  
WASTE DISPOSAL METHOD: Dispose in accordance with local, state and federal regulations.  
HANDLING AND STORAGE: Store away from excessive heat, water, and other organic chemicals

### Section 8: PERSONAL PROTECTION INFORMATION

RESPIRATOR PROTECTION: Use NIOSH approved particulate mask  
VENTILATION: Moving air  
PROTECTIVE GLOVES: Latex or chemical resistant gloves  
EYE PROTECTION: Full safety goggles  
OTHER EQUIPMENT: Protective apron or clothing

### Section 9: TRANSPORTATION & REGULATORY INFORMATION

D.O.T. CLASSIFICATION: Not regulated  
CALIFORNIA PROP. 65: Contains trace of ethylene oxide (CAS 75-21-8)  
FREIGHT BILL CLASSIFICATION: Cleaning compound

### Section 10: OTHER INFORMATION

SPECIAL PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN!  
HMIS Ratings (0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe Hazard)  
Health: 3 Flammability: 0 Reactivity: 1

N/A = Not Applicable N/E = Not Established

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