

MATERIAL SAFETY DATA SHEET

MSDS Date: 2/4/08
 Supersedes:

Section 1: PRODUCT IDENTIFICATION

PRODUCT NAME: **Ultimate Orange**
 PRODUCT DESCRIPTION: A powdered detergent
 CHEMICAL FAMILY: Powder detergent
 MANUFACTURER: Scotch Plaid, Inc.

Section 2: HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
Trisodium Salt of Nitrotriacetic Acid, Monohydrate	018662-53-8	2%	N/E	N/E
Sodium Metasilicate	006834-92-0	45%	N/E	N/E
2-Butoxyethanol	000111-76-2	2%	25 ppm(skin)	25 ppm(skin)
Proprietary Surfactant Blend	Proprietary	7%	N/E	N/E

The ingredients used in this facility have been shown to be biodegradable in a permitted wastewater treatment facility.

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT: NA
 VAPOR PRESSURE: NA
 VAPOR DENSITY: NA
 SOLUBILITY IN WATER: 7 % by weight
 PHOSPHOROUS CONTENT:
 APPEARANCE AND ODOR: Orange powder, slight odor

SPECIFIC GRAVITY: NA
 % VOLATILE BY VOLUME: NA
 EVAPORATION RATE: NA
 FREEZING POINT:
 pH @ 1% in water: 12.5
 Melting Point: NA

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT: Non-Flammable
 EXTINGUISHING MEDIA: As appropriate for surrounding fire.
 SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear a self contained breathing apparatus and protective clothing.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Protective clothing for skin and eye protection should be worn to protect against the alkaline properties of this product.
 FLAMMABLE LIMITS: Upper : Non-flammable Lower: NA

Section 5: HEALTH AND HAZARD DATA

EFFECTS OF OVEREXPOSURE:		FIRST AID PROCEDURES:	
INGESTION:	May cause severe burns of the mouth, esophagus and stomach.	INGESTION:	Give large quantities of water. Do not
SKIN:	Can cause irritation and chemical burns.	SKIN:	Wash skin thoroughly for 15 minutes.
EYES:	Can rapidly cause severe destruction and corneal damage.	EYES:	Flush eyes w/large amts of water for 15 minutes.
INHALATION:	May cause irritation to nose, throat and respiratory tract.	INHALATION:	Remove to fresh air & provide oxygen. Seek medical attention.
IN ALL CASES Get prompt medical attention if effects persist. NEVER give anything by mouth to an unconscious person.			

Section 6: REACTIVITY DATA

STABILITY: STABLE
 CONDITIONS TO AVOID: None
 INCOMPATIBILITY: Strong oxidizing material and acids.
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and other unidentified organic compounds may be formed during combustion.
 HAZARDOUS POLYMERIZATION Will not occur

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 spill with absorbent material. Wash surface with plenty of water.
 WASTE DISPOSAL METHOD: Approved chemical dump. Follow all Federal, State and local regulations.
 HANDLING AND STORAGE: Avoid contact w/ eyes. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

Section 8: PERSONAL PROTECTION INFORMATION

RESPIRATOR PROTECTION: Use a NIOSH/MSHA approved respirator.
 VENTILATION: Use only with ventilation sufficient to prevent exceeding recommended exposure limit. Use corrosion proof equipment
 PROTECTIVE GLOVES: Chemical resistant
 EYE PROTECTION: Safety glasses or goggles
 OTHER EQUIPMENT: Chemical resistant clothing

Section 9: TRANSPORTATION & REGULATORY INFORMATION

D.O.T. CLASSIFICATION: Not DOT regulated
 CALIFORNIA PROP. 65:
 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: Flammability: Reactivity:

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

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