

MATERIAL SAFETY DATA SHEET

MSDS Date: 7/28/06
 Supersedes:

Section 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Bug Off
PRODUCT DESCRIPTION: Liquid car soap
CHEMICAL FAMILY: Alkaline Detergent
MANUFACTURER: Scotch Plaid, Inc.

Section 2: HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
Nitritotriacetic Acid	018662-53-8	0-8%	NE	NE

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT:	> 200 ° F	SPECIFIC GRAVITY:	1.07
VAPOR PRESSURE:	NE	% VOLATILE BY VOLUME	70%
VAPOR DENSITY:	NE	EVAPORATION RATE:	NE
SOLUBILITY IN WATER:	Complete	FREEZING POINT:	30 ° F
PHOSPHOROUS CONTENT:	< 1%	pH @ 100%:	12.5%
APPEARANCE AND ODOR:	Clear liquid with citrus odor		

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT: none **FLAMMABLE LIMITS:** NE
EXTINGUISHING MEDIA: CO₂, water
SPECIAL FIREFIGHTING PROCEDURES: none
UNUSUAL FIRE AND EXPLOSION HAZARDS: none

Section 5: HEALTH AND HAZARD DATA

EFFECTS OF OVEREXPOSURE:	FIRST AID PROCEDURES:
INGESTION: May cause nausea, burns to mouth, esophagus & stomach	INGESTION: Do NOT induce vomiting. Give plenty of water
SKIN: May cause severe irritation and skin burns	SKIN: Wash with soap and water
EYES: May cause severe irritation and corneal damage	EYES: Flush with plenty of water
INHALATION: Irritant to nose, trachea and respiratory organs	INHALATION: Remove to ventilated area
IN ALL CASES: Get prompt medical attention if effects persist. NEVER give anything by mouth to an unconscious person.	

Section 6: REACTIVITY DATA

STABLE: X **UNSTABLE:**
CONDITIONS TO AVOID: Excessive heat
INCOMPATIBILITY: Strong oxidizers & acids
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen, phosphorous and chlorine
HAZARDOUS POLYMERIZATION OCCURS: **DOES NOT OCCUR:** X

Section 7: STORAGE, HANDLING AND USE

STEPS TO FOLLOW IF MATERIAL IS SPILLED OR RELEASED If not prohibited by fed, local, county, or local laws, absorb spill with absorbent material. Wash surface with plenty of water
WASTE DISPOSAL METHOD: Dispose in accordance with State local & Federal regulations
HANDLING AND STORAGE: Store away from excessive heat and water

Section 8: PERSONAL PROTECTION INFORMATION

RESPIRATOR PROTECTION: NIOSH approved respirator
VENTILATION: Moving air in work area
PROTECTIVE GLOVES: Rubber or chemical resistant
EYE PROTECTION: Full goggles
OTHER EQUIPMENT: Protective apron

Section 9: TRANSPORTATION & REGULATORY INFORMATION

D. O. T. CLASSIFICATION: Non regulated
CALIFORNIA PROP. 65: Contains NTA CAS# 018662-53-8 and trace of ethylene oxide CAS# 75-21-8
FREIGHT BILL CLASSIFICATION: Cleaning compounds

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: 2

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

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