



Common Name: FOAM BURST FOAMING WASHROOM CLEANER (DILUTION CONTROL CONCENTRATE)

Manufacturer: RAMSEY

MSDS Revision Date: 10/9/2003

Grainger Item Number(s): 5ND74, 5NF20, 5TP05

Manufacturer Model Number(s): 6278100

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RAMSEY (R*)
MATERIAL SAFETY DATA SHEET
FOAM BURST FOAMING WASHROOM CLEANER (DILUTION CONTROL CONCENTRATE)
MSDS NO: 6278
DATE PREPARED: 10/09/2003
DATE REVISED: 10/09/2003

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME/USE:
FOAM BURST FOAMING WASHROOM CLEANER (DILUTION CONTROL CONCENTRATE)

PRODUCT SYNONYMS:
PRACTICAL SOLUTIONS FOAM BURST FOAMING WASHROOM CLEANER;
SINGLE SOLUTION FOAM BURST FOAMING WASHROOM CLEANER

PRODUCT CODE: 6278100, 6278020

MANUFACTURER:
THE RAMSEY COMPANY
8310 16TH ST.

STURTEVANT, WI 53177-0902

RAMSEY TELEPHONE NUMBER: 800-421-2768

EMERGENCY TELEPHONE (24 HOURS): 800-228-5635

CHEMTREC (U.S./CAN.): 800-424-9300

CHEMTREC (INT'L): +1 703-527-3887

2. COMPOSITION/INFORMATION ON INGREDIENTS



INGREDIENT(S)	CAS#	% BY WEIGHT	OSHA PEL/STEL	ACGIH TLV/STEL
WATER	7732-18-5	30-60	NA	NA
CITRIC ACID	77-92-9	10-30	NA	NA
DIPROPYLENE GLYCOL BUTOXY ETHER	29911-28-2	7-13	NA	NA
ETHOXYLATED ALKYL AMINE	61791-14-8	7-13	NA	NA
COCAMIDOPROPYLAMINOBETAINE	61789-40-0	3-7	NA	NA
LINEAR PRIMARY ALCOHOL ETHOXYLATE	34398-01-1	1-5	NA	NA
NA - NOT AVAILABLE				

3. HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:
CLEAR, GREEN LIQUID. CITRUS ODOR. MAY CAUSE SEVERE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION.

POTENTIAL HEALTH EFFECTS (SEE SECTION 11 FOR TOXICOLOGICAL INFORMATION):
PRIMARY ROUTE(S) OF EXPOSURE:
(X) EYE
(X) SKIN CONTACT
() SKIN ABSORPTION
(X) INHALATION
(X) INGESTION

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYES:
MAY CAUSE SEVERE EYE IRRITATION. SYMPTOMS MAY INCLUDE PAIN, TEARING, REDNESS, AND CLOUDING OF THE EYE SURFACE.

SKIN:
MAY CAUSE SKIN IRRITATION. SYMPTOMS MAY INCLUDE REDNESS, RASH AND MILD SWELLING.

INGESTION:
MAY CAUSE MOUTH, THROAT AND STOMACH IRRITATION. SYMPTOMS MAY INCLUDE NAUSEA, VOMITING AND DIARRHEA.

INHALATION:
HIGH CONCENTRATIONS OF VAPOR OR MIST MAY CAUSE NOSE, THROAT AND RESPIRATORY TRACT IRRITATION. SYMPTOMS MAY INCLUDE COUGHING.

EFFECTS OF CHRONIC EXPOSURE:
PROLONGED CONTACT MAY CAUSE SEVERE SKIN IRRITATION. SYMPTOMS MAY INCLUDE PAIN, REDNESS, RASH, AND SWELLING.

MEDICAL CONDITIONS AGGRAVATED:
MAY AGGRAVATE PRE-EXISTING EYE, SKIN AND RESPIRATORY CONDITIONS.

4. FIRST AID MEASURES



EYES:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER WHILE HOLDING EYELIDS APART. AFTER INITIAL FLUSHING, REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR AT LEAST 15 MINUTES. DO NOT PUT ANY MEDICATION IN THE VICTIM'S EYES UNLESS INSTRUCTED BY A PHYSICIAN. GET IMMEDIATE MEDICAL ATTENTION.

SKIN:
FLUSH THOROUGHLY WITH PLENTY OF WATER, THEN WASH WITH SOAP AND WATER. REMOVE SATURATED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. THOROUGHLY WASH (OR DISCARD) CLOTHING AND SHOES BEFORE REUSE.

INGESTION:
DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER. GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION:
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE RESPIRATION; IF BREATHING IS DIFFICULT, GIVE OXYGEN (BY TRAINED PERSONNEL ONLY). GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

5. FIRE FIGHTING MEASURES



FLASH POINT AND METHOD: >93 DEG. C (200 DEG. F)TCC

FLAMMABLE LIMITS: NOT APPLICABLE.

AUTOIGNITION TEMPERATURE: NOT APPLICABLE.

EXTINGUISHING MEDIA:
USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

HAZARDOUS COMBUSTION PRODUCTS:
NORMAL PRODUCTS OF COMBUSTION (CARBON MONOXIDE AND CARBON DIOXIDE).

FIRE AND EXPLOSION HAZARDS: NONE KNOWN.

FIRE FIGHTING INSTRUCTIONS:
THIS PRODUCT IS NOT FLAMMABLE. AS IN ANY FIRE, MSHA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL PROTECTIVE GEAR SHOULD BE WORN.

6. ACCIDENTAL RELEASE MEASURES



SEE SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION AND SECTION 3, HAZARD IDENTIFICATION. FLOORS MAY BE SLIPPERY. USE CARE TO AVOID FALLING. VENTILATE SPILL AREA. CONTAIN AND ISOLATE SPILL. KEEP NON-ESSENTIAL PERSONNEL FROM ENTERING SPILL AREA. USE MOP, ABSORBENT, OR WET VACUUM TO COLLECT MATERIAL FOR PROPER DISPOSAL. RINSE AREA WITH WATER.

7. HANDLING AND STORAGE



HANDLING:
FOLLOW LABEL USE DIRECTIONS. DO NOT MIX WITH OTHER CHEMICALS UNLESS INSTRUCTED BY LABEL DIRECTIONS. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR OR MIST. WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING. WASH CLOTHING AND EQUIPMENT BEFORE REUSE.

STORAGE:
KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE AWAY FROM INCOMPATIBLE MATERIALS. (SEE SECTION 10, STABILITY AND REACTIVITY).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



ENGINEERING CONTROLS:
GOOD GENERAL ROOM VENTILATION IS EXPECTED TO BE ADEQUATE.

PERSONAL PROTECTION:

EYE:
WHERE EYE CONTACT IS POSSIBLE, WEAR SAFETY GLASSES WITH SIDE SHIELDS OR
CHEMICAL SPLASH GOGGLES (ANSI Z87.1 APPROVED) .

SKIN:
WHERE SKIN CONTACT IS POSSIBLE, CHEMICAL-RESISTANT CLOTHING (E.G., GLOVES)
SHOULD BE WORN.

RESPIRATORY:
NO RESPIRATORY PROTECTION IS REQUIRED IF VENTILATION IS ADEQUATE.

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID
ODOR: CITRUS
APPEARANCE: CLEAR, GREEN
pH: 1.6 TO 2.2
PERCENT VOLATILE BY WEIGHT: 66
VAPOR PRESSURE: NOT DETERMINED
VAPOR DENSITY: NOT DETERMINED
BOILING POINT: NOT DETERMINED
FREEZING/MELTING POINT: NOT DETERMINED
SOLUBILITY IN WATER: COMPLETE
EVAPORATION RATE: NOT DETERMINED
SPECIFIC GRAVITY: 1.1
VISCOSITY: WATER THIN
OCTANOL/WATER PARTITION COEFFICIENT: NOT DETERMINED
ODOR THRESHOLD: NOT DETERMINED

10. STABILITY AND REACTIVITY



STABILITY (CONDITIONS TO AVOID): STABLE.
POLYMERIZATION: WILL NOT OCCUR.
HAZARDOUS DECOMPOSITION: NONE.
INCOMPATIBLE MATERIALS:
OXIDIZERS (E.G., BLEACH) AND STRONG BASES (E.G., SODIUM HYDROXIDE) .

11. TOXICOLOGICAL INFORMATION



ACUTE DATA:
NO DATA IS AVAILABLE FOR THIS PRODUCT. THE FOLLOWING DATA ARE AVAILABLE FOR
PRODUCT INGREDIENTS:

PRODUCT/INGREDIENT	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LC50 (RAT)
WATER			
CITRIC ACID	3000-11700 MG/KG	NOT AVAILABLE	NOT AVAILABLE
DIPROPYLENE GLYCOL BUTOXY ETHER	3700-4400 MG/KG	>2000 MG/KG	NOT AVAILABLE

ETHOXYLATED ALKYL AMINE	750 MG/KG	NOT AVAILABLE	NOT AVAILABLE
COCAMIDOPROPYLAMINOBETAINE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
LINEAR PRIMARY ALCOHOL ETHOXYLATE	700-1700 MG/KG	>2000 MG/KG	NOT AVAILABLE

SENSITIZATION DATA: NO DATA AVAILABLE.

CHRONIC DATA: NO DATA AVAILABLE.

REPRODUCTIVE/TERATOGENIC DATA: NO DATA AVAILABLE.

CARCINOGENIC/MUTAGENIC DATA:
NOT LISTED AS CARCINOGENIC BY NTP, IARC, OR ACGIH OR REGULATED AS A CARCINOGEN BY OSHA.

SYNERGISTIC MATERIALS: NO DATA AVAILABLE.

12. ECOLOGICAL INFORMATION



THIS PRODUCT IS MADE WITH ALL BIODEGRADABLE DETERGENTS. NO OTHER DATA AVAILABLE.

13. DISPOSAL CONSIDERATIONS



DISPOSAL OF THIS MATERIAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE OR PROVINCIAL AND FEDERAL REGULATIONS. THE UNUSED PRODUCT, AS MANUFACTURED, IS A RCRA HAZARDOUS WASTE (CORROSIVE-D002) IN ACCORDANCE WITH 40 CFR 261. THE PRODUCT HAS NOT BEEN EVALUATED BY THE TOXICITY CHARACTERISTIC LEACHATE PROCEDURE (TCLP). ACCORDING TO RCRA, IT IS THE RESPONSIBILITY OF THE WASTE GENERATOR TO ENSURE PROPER DISPOSAL.

14. TRANSPORT INFORMATION



DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: NOT REGULATED

15. REGULATORY INFORMATION



NOT MEANT TO BE ALL-INCLUSIVE - SELECTED REGULATIONS REPRESENTED.

UNITED STATES:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:
UNDER 40 CFR 370.2, THIS PRODUCT MEETS THE FOLLOWING HAZARD CATEGORY:
IMMEDIATE.

313 REPORTABLE INGREDIENTS:
INGREDIENTS IN THIS PRODUCT ARE NOT CURRENTLY SUBJECT TO NOTIFICATION.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT):
CERCLA REGULATORY:
NONE OF THE INGREDIENTS IN THIS PRODUCT ARE REPORTABLE UNDER CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT):
TSCA STATUS: THIS PRODUCT COMPLIES WITH ALL TSCA INVENTORY REQUIREMENTS.

CANADA:
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):
CLASS D-DIVISION 2B, EYE AND SKIN IRRITANT. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16. OTHER INFORMATION



HMIS RATING:
HEALTH 2
FLAMMABILITY 0
REACTIVITY 0
PERSONAL PROTECTION

NFPA CODES:
2
0
0

APPROVED BY: PRODUCT SAFETY & REGULATORY

MSDS STATUS:
REVISION #: 2

THIS MSDS REPLACES THE FEBRUARY 09, 2000 MSDS. ANY CHANGES IN INFORMATION
ARE AS FOLLOWS:
IN SECTION 1
APPROVED BY PRODUCT CODE () PRINT CHEMTREC PHONE NUMBER

THE INFORMATION ON THIS DATA SHEET REPRESENTS OUR CURRENT DATA AND BEST
OPINION AS TO THE PROPER USE IN HANDLING OF THE PRODUCT UNDER NORMAL
FORESEEABLE CONDITIONS. ANY USE OF THIS PRODUCT WHICH IS NOT IN CONFORMANCE
WITH THIS DATA SHEET OR PRODUCT LABEL, OR WHICH INVOLVES USING THE PRODUCT
IN COMBINATION WITH ANY OTHER PRODUCT OR ANY OTHER PROCESS IS THE
RESPONSIBILITY OF THE USER.