

**RAMSEY**  
**RINSOFT EXTRACTION RINSE**      **Revised: 3/27/2003**

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**Item Number:**  
3ZG63, 3UR71, 3UR72

**Mfg. Model Number:**  
RINSOFT

RAMSEY (R\*)

MATERIAL SAFETY DATA SHEET

MSDS REF. NO: 6048

DATE PREPARED: 03/27/2003

DATE REVISED: 03/27/2003

RINSOFT EXTRACTION RINSE

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## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: RINSOFT EXTRACTION RINSE

PRODUCT SYNONYMS: PRACTICAL SOLUTIONS RINSOFT EXTRACTION RINSE

PRODUCT CODE: 6048100, 6048110

MANUFACTURER:  
THE RAMSEY COMPANY  
8310 16TH ST.  
STURTEVANT, WI 53177-0902

BUTCHER 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

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS#	% BY WEIGHT
WATER	7732-18-5	75-100
SULFAMIC ACID	5329-14-6	5-7
PROPANOL, (2-METHOXYMETHYLETHOXY)-	34590-94-8	5-7
LINEAR PRIMARY ALCOHOL ETHOXYLATE	34398-01-1	1-1.5
FRAGRANCE	NA	0.1-0.5

SEE SECTION 8 FOR EXPOSURE LIMITS

NA - NOT APPLICABLE

OSHA REGULATORY STATUS:

THIS PRODUCT IS CLASSIFIED AS HAZARDOUS UNDER OSHA REGULATIONS.

WHMIS CLASS: CLASS D - DIVISION 2B

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## 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CLEAR, COLORLESS LIQUID. FRESH ODOR. CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

POTENTIAL HEALTH EFFECTS: (SEE SECTION 11 FOR TOXICOLOGICAL INFORMATION)

PRIMARY ROUTE(S) OF EXPOSURE:

EYE  
 SKIN CONTACT  
 SKIN ABSORPTION  
 INHALATION  
 INGESTION

EFFECTS OF ACUTE EXPOSURE:

EYES: CAUSES EYE IRRITATION. SYMPTOMS MAY INCLUDE REDNESS AND PAIN.

SKIN:

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

INHALATION:

HIGH CONCENTRATIONS OF VAPOR OR MIST MAY CAUSE NOSE, THROAT AND RESPIRATORY TRACT IRRITATION. SYMPTOMS MAY INCLUDE COUGHING. HIGH CONCENTRATIONS OF VAPOR OR MIST MAY ALSO CAUSE CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING HEADACHE, DIZZINESS AND NAUSEA.

INGESTION:

MAY CAUSE MOUTH, THROAT AND STOMACH IRRITATION. SYMPTOMS MAY INCLUDE NAUSEA, VOMITING AND DIARRHEA. MAY ALSO CAUSE CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING HEADACHE, DIZZINESS AND WEAKNESS.

EFFECTS OF CHRONIC EXPOSURE:

PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION.

MEDICAL CONDITIONS AGGRAVATED:

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

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## 4. FIRST AID MEASURES

EYES:

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 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.

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.

INGESTION:

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

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## 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),  
NITROGEN OXIDES AND SULFUR OXIDES.

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.

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## 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 AND ABSORBENT TO COLLECT  
MATERIAL FOR PROPER DISPOSAL. USE NON-METALLIC IMPLEMENTS FOR CLEANING AND  
COLLECTION. RINSE AREA WITH WATER.

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## 7. HANDLING AND STORAGE

HANDLING:

FOLLOW LABEL USE DIRECTIONS. DO NOT MIX WITH OTHER CHEMICALS UNLESS  
INSTRUCTED BY LABEL DIRECTIONS. AVOID CONTACT WITH EYES AND SKIN. AVOID  
BREATHING MIST. WASH THOROUGHLY AFTER HANDLING. REMOVE SATURATED 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).

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE):

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.

ENGINEERING CONTROLS:

GOOD GENERAL ROOM VENTILATION IS EXPECTED TO BE ADEQUATE. IF USER OPERATIONS GENERATE VAPOR OR MIST, VENTILATION SHOULD BE USED TO KEEP AIRBORNE CONCENTRATIONS BELOW EXPOSURE LIMITS (SEE SECTION 2, COMPOSITION/INFORMATION ON INGREDIENTS).

EXPOSURE LIMITS:

INGREDIENT(S)	OSHA PEL/STEL	ACGIH TLV/STEL
WATER	NA	NA
SULFAMIC ACID	NA	NA
PROPANOL, (2-METHOXYMETHYLETHOXY)-	100 PPM 600 MG/M3/ 150 PPM SKIN	100 PPM 606 MG/M3/ 150 PPM SKIN
LINEAR PRIMARY ALCOHOL ETHOXYLATE	NA	NA
FRAGRANCE	NA	NA

NA - NOT AVAILABLE

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

ODOR: FRESH

APPEARANCE: CLEAR, COLORLESS

pH: 0.7 TO 1.4

PERCENT VOLATILE BY WEIGHT: 94

VAPOR PRESSURE: NOT AVAILABLE

VAPOR DENSITY: NOT AVAILABLE

BOILING POINT: NOT AVAILABLE

FREEZING/MELTING POINT: NOT AVAILABLE

SOLUBILITY IN WATER: COMPLETE

EVAPORATION RATE: NOT AVAILABLE

SPECIFIC GRAVITY: 1.04

VISCOSITY: WATER THIN

OCTANOL/WATER PARTITION COEFFICIENT: NOT AVAILABLE

ODOR THRESHOLD: NOT AVAILABLE

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## 10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): STABLE.

POLYMERIZATION: WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION: NONE.

INCOMPATIBLE MATERIALS:

OXIDIZERS, CHLORINE (E.G., BLEACH), STRONG BASES (E.G., SODIUM HYDROXIDE), REACTIVE METALS (E.G., ALUMINUM), AND SULFIDES.

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## 11. TOXICOLOGICAL INFORMATION

ACUTE DATA:

THIS PRODUCT IS NON-CORROSIVE TO SKIN. BASED ON ACUTE TOXICITY TESTING OF A SIMILAR PRODUCT, IT CAUSES EYE IRRITATION AND MAY CAUSE SKIN IRRITATION.

THE FOLLOWING DATA ARE AVAILABLE FOR PRODUCT INGREDIENTS:

PRODUCT/INGREDIENT	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LC50 (RAT)
WATER			
SULFAMIC ACID	3160-MG/KG	NOT AVAILABLE	NOT AVAILABLE
PROPANOL, (2-METHOXYMETHYLETHOXY)-	5135-MG/KG	9500-MG/KG	NOT AVAILABLE
LINEAR PRIMARY ALCOHOL ETHOXYLATE	700-1700 MG/KG	>2000-MG/KG	NOT AVAILABLE
FRAGRANCE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

SENSITIZATION DATA: NO DATA AVAILABLE.

CHRONIC DATA:

PROLONGED OVEREXPOSURE TO PROPANOL, 2-METHOXYMETHYLETHOXY- BY INHALATION HAS CAUSED MINOR LIVER EFFECTS IN LABORATORY ANIMALS; OVEREXPOSURE BY DERMAL ABSORPTION HAS ALSO CAUSED MINOR KIDNEY EFFECTS IN LABORATORY ANIMALS.

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.

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## 12. ECOLOGICAL INFORMATION

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

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## 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.

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## 14. TRANSPORT INFORMATION

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: NOT REGULATED

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## 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 CATEGORIES:  
IMMEDIATE, DELAYED.

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.

MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:

INGREDIENT(S)	CAS NO.	STATE LISTING
WATER	7732-18-5	NOT LISTED
SULFAMIC ACID	5329-14-6	NJ
PROPANOL, (2-METHOXYMETHYLETHOXY)-	34590-94-8	MA, NJ, PA
LINEAR PRIMARY ALCOHOL ETHOXYLATE	34398-01-1	NOT LISTED

NA - NOT APPLICABLE

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.

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## 16. OTHER INFORMATION

HMIS RATING:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

NFPA CODES:

1  
0  
0

APPROVED BY: PRODUCT SAFETY & REGULATORY

MSDS STATUS:

REVISION NO: 9

REVISION #: 9

THIS MSDS REPLACES THE MARCH 24, 2000 MSDS. ANY CHANGES IN INFORMATION  
ARE AS FOLLOWS:

IN SECTION 1

APPROVED BY

DATE PREPARED

APPROVAL DATE: 03/27/2003

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.