



Common Name: KIL-ODER COUNTRY MORNING DEODORIZER

Manufacturer: RAMSEY

MSDS Revision Date: 10/10/2003

Grainger Item Number(s): 3UR56, 3UR57, 3UR58, 5ND84, 5NF30, 5TP06

Manufacturer Model Number(s): 6289100, KIL-ODER COUNTRY, KIL-ODER COUNTRY MORNING

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RAMSEY (R*)

MATERIAL SAFETY DATA SHEET

KIL-ODER COUNTRY MORNING DEODORIZER

MSDS NO: 6024

DATE PREPARED: 10/10/2003

DATE REVISED: 10/10/2003

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME/USE: KIL-ODER COUNTRY MORNING DEODORIZER

PRODUCT CODE: 6024320, 6024110, 2024520, 6024550

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	60-100	NA	NA
VIABLE BACTERIAL CULTURES	NA	3-7	NA	NA
ALKOXYLATED FATTY ALCOHOL	69227-21-0	1-5	NA	NA
FRAGRANCE	NA	0.5-1.5	NA	NA
DYE	NA	<0.1	NA	NA

NA - NOT AVAILABLE

OSHA REGULATORY STATUS:
THIS PRODUCT IS CLASSIFIED AS HAZARDOUS UNDER OSHA REGULATIONS.

WHMIS CLASS: CLASS D- DIVISION 2B

3. HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:
CLEAR TO SLIGHTLY HAZY LIQUID. SPEARMINT ODOR. MAY CAUSE EYE 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 MILD EYE IRRITATION. SYMPTOMS MAY INCLUDE REDNESS AND TEARING.

SKIN:
MAY CAUSE MILD SKIN IRRITATION. SYMPTOMS MAY INCLUDE REDNESS. ORGANISMS USED IN THIS PRODUCT ARE NON-PATHOGENIC, BUT CAN CAUSE INFECTION WHEN IN CONTACT WITH OPEN WOUNDS.

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

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

EFFECTS OF CHRONIC EXPOSURE:
PROLONGED OR REPEATED CONTACT CAN CAUSE DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS (RASH).

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

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 WITH WATER, THEN WASH WITH SOAP AND WATER. REMOVE SATURATED CLOTHING.
GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR OPEN WOUNDS ARE PRESENT.

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. 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 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).

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: SPEARMINT
APPEARANCE: CLEAR TO SLIGHTLY HAZY
pH: 7.0 TO 9.2
PERCENT VOLATILE BY WEIGHT: 96
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: 1.005
VISCOSITY: WATER THIN
OCTANOL/WATER PARTITION COEFFICIENT: NOT AVAILABLE
ODOR THRESHOLD: NOT AVAILABLE

10. STABILITY AND REACTIVITY



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

11. TOXICOLOGICAL INFORMATION



ACUTE DATA:
BASED ON TESTING OF A SIMILAR PRODUCT, THIS PRODUCT MAY CAUSE MILD EYE AND SKIN IRRITATION; IT IS NOT CONSIDERED TO BE TOXIC BY INGESTION. THE FOLLOWING DATA ARE AVAILABLE FOR PRODUCT INGREDIENTS.

PRODUCT/INGREDIENT	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LC50 (RAT)
WATER			
VIABLE BACTERIAL CULTURES	NOT AVAILABLE	NOT AVAILABLE	9.2 MG/L (4-HR)
ALKOXYLATED FATTY ALCOHOL	2300 MG/KG	NOT AVAILABLE	NOT AVAILABLE
FRAGRANCE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
DYE	NOT AVAILABLE	NOT AVAILABLE	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



NO 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 NON-HAZARDOUS WASTE 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.

USDA (U.S. DEPARTMENT OF AGRICULTURE):
THIS PRODUCT IS AUTHORIZED FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY
PLANTS.

CANADA:
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):
CLASS D-DIVISION 2B, EYE 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 1
FLAMMABILITY 0
REACTIVITY 0
PERSONAL PROTECTION

NFPA CODES:
1
0
0

APPROVED BY: PRODUCT SAFETY & REGULATORY

MSDS STATUS:
REVISION #: 3

THIS MSDS REPLACES THE JUNE 27, 2003 MSDS. ANY CHANGES IN INFORMATION ARE
AS FOLLOWS:
IN SECTION 1
APPROVED BY PRODUCT CODE DATE PREPARED

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.