



## MATERIAL SAFETY DATA SHEET

**KIL-ODER A&S SMOKE CONTROL Air and Surface Deodorizer**

**MSDS No:** 6316RTU  
**Date Prepared:** 01/09/2002  
**Date Revised:** 10/10/2003

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name/Use:** KIL-ODER A&S SMOKE CONTROL Air and Surface Deodorizer  
A 1:12 dilution of KIL-ODER A&S SMOKE CONTROL Air and Surface Deodorizer

**Product Synonyms:**

Practical Solutions KIL-ODER A&S SMOKE CONTROL Air and Surface Deodorizer  
A 1:12 dilution of Practical Solutions KIL-ODER A&S SMOKE CONTROL Air and Surface Deodorizer  
Single Solution KIL-ODER A&S SMOKE CONTROL Air and Surface Deodorizer Ready-to-Use  
A 1:12 dilution of Single Solution KIL-ODER A&S SMOKE CONTROL Air and Surface Deodorizer Concentrate

#### 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

<u>INGREDIENT(S)</u>	<u>CAS#</u>	<u>% BY WEIGHT</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Water	7732-18-5	60 - 100	NA	NA
Linear primary alcohol ethoxylate	34398-01-1	0.5 - 1.5	NA	NA

NA - Not Available

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Clear, Yellow Liquid . Fresh Odor. Product Does Not Present a Significant Immediate Concern for Emergency Response Personnel.

#### POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(S) OF EXPOSURE:  Eye       Skin Contact       Skin Absorption  
 Inhalation       Ingestion

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Not expected to be irritating to the eyes, but may cause temporary redness or discomfort.

**SKIN:** Not expected to be irritating to skin.

**INGESTION:** May cause temporary mouth, throat and stomach discomfort. 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). Prolonged or repeated exposure to an ingredient in this product may cause allergic skin reaction.

**MEDICAL CONDITIONS AGGRAVATED:** May aggravate pre-existing eye and skin 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 if irritation develops.

**SKIN:** Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

**INGESTION:** Do not induce vomiting. Drink large quantities of water. Get medical attention.

**INHALATION:** Remove to fresh air. Get medical attention if symptoms persist.

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#### 5. FIRE FIGHTING MEASURES

**FLASH POINT AND METHOD:** > 93°C (200°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.

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#### 6. ACCIDENTAL RELEASE MEASURES

Floors may be slippery. Use care to avoid falling. Contain spill. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

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#### 7. HANDLING AND STORAGE

**HANDLING:** Use good personal hygiene practices. No special precautions are required for anticipated conditions of use. Remove saturated clothing.

**STORAGE:** No special storage practices are required. Keep container closed when not in use.

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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** No special controls are required.

##### PERSONAL PROTECTION

**EYE:** Not required under normal conditions of use.

**SKIN:** Not required under normal conditions of use.

**RESPIRATORY:** Not required under normal conditions of use.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Fresh

**APPEARANCE:** Clear, Yellow

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**pH:** 5.0 to 6.7

**PERCENT VOLATILE BY WEIGHT:** 98.5

**VAPOR PRESSURE:** Not Determined

**VAPOR DENSITY:** Not Determined

**BOILING POINT:** Not Determined

**FREEZING/MELTING POINT:** Not Determined

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE:** Not Determined

**SPECIFIC GRAVITY:** 1.0

**VISCOSITY:** Water Thin

**OCTANOL/WATER PARTITION COEFFICIENT:** Not Determined

**ODOR THRESHOLD:** Not Determined

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## 10. STABILITY AND REACTIVITY

**STABILITY (CONDITIONS TO AVOID):** Stable.

**POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION:** None known.

**INCOMPATIBLE MATERIALS:** None known.

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## 11. TOXICOLOGICAL INFORMATION

**ACUTE DATA:** No data is available for this product. The following data are available for product ingredients:

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD<sub>50</sub> (rat)</u>	<u>DERMAL LD<sub>50</sub> (rabbit)</u>	<u>INHALATION LC<sub>50</sub> (rat)</u>
Water			
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.

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## 12. ECOLOGICAL INFORMATION

No 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 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.

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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)**

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**311/312 HAZARD CATEGORIES:** Under 40 CFR 370.2, this product meets the following hazard categories: None.

**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):** Not controlled by WHMIS. 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.

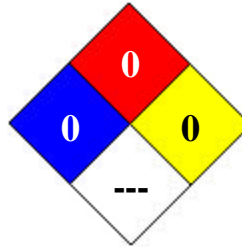
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**16. OTHER INFORMATION**

**HMIS RATING**

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>-</b>

**NFPA CODES:**



**APPROVED BY:** Product Safety & Regulatory

**MSDS STATUS** New MSDS

*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.*