

33345, 33350  
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# RAMSEY®

## MATERIAL SAFETY DATA SHEET

PROFESSIONAL SPOTTER All Purpose  
Spotter

Date Prepared: 03/05/1997  
Date Revised: 05/20/1997

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: PROFESSIONAL SPOTTER All Purpose Spotter

**MANUFACTURER**  
The Ramsey Company  
120 Bartlett Street  
Marlborough, MA 01752-3065

Ramsey Telephone Number: 800-421-2768  
Emergency Telephone (24 hours): 800-228-5635 Ext 118

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NO.	% BY WEIGHT	OSHA PEL/STEL	ACGIH TLV/STEL
Water	7732-18-5	60 - 100	NA	NA
Diethylene glycol ethyl ether	111-90-0	3 - 7	NE	NE
2-Butoxyethanol	111-76-2	1 - 5	25 ppm (120 mg/m3)/ (Skin)	25 ppm (121 mg/m3)/ (Skin)
Fragrance	NA	<0.1	NE	NE

NA - Not Applicable    NE - Not Established

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Clear, Colorless Liquid. Mild, Lemon Odor. May Cause Eye Irritation.

#### 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:**  
May cause eye irritation. Symptoms may include redness and pain.

**SKIN:**  
May cause mild skin irritation. Symptoms may include redness.

**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.

**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.

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**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 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 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.

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**5. FIRE FIGHTING MEASURES****FLASH POINT AND METHOD:** >200°F 93°C 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**

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.

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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. 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****ENGINEERING CONTROLS:**

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).

**PERSONAL PROTECTION****EYE:**

Where eye contact is possible, wear safety glasses with side shields or chemical splash goggles (ANSI Z87.1 approved).

**SKIN:**

Where prolonged or repeated contact is possible, chemical-resistant clothing (e.g., gloves) is recommended.

**RESPIRATORY:**

No respiratory protection is required if ventilation is adequate.

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**9. PHYSICAL AND CHEMICAL PROPERTIES****PHYSICAL STATE:** Liquid**ODOR:** Mild, Lemon**APPEARANCE:** Clear, Colorless**pH:** 7.2**PERCENT VOLATILE BY WEIGHT:** 99**VAPOR PRESSURE:** Not Determined**VAPOR DENSITY:** Not Determined**BOILING POINT:** Not Determined**FREEZING/MELTING POINT:** Not Determined**SOLUBILITY IN WATER:** Complete

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EVAPORATION RATE: Not Determined  
SPECIFIC GRAVITY: 1.00  
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.

INCOMPATIBLE MATERIALS:  
Oxidizers (e.g., bleach).

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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>
Diethylene glycol ethyl ether	5500 mg/kg	8500 mg/kg	200 mg/L (1-hr)
2-Butoxyethanol	470 mg/kg	220 mg/kg	450 ppm (4-hr)

SENSITIZATION DATA:  
No data available.

CHRONIC DATA:

Prolonged overexposure to high concentrations of diethylene glycol ethyl ether by ingestion has caused liver and kidney effects in laboratory animals; prolonged overexposure by dermal absorption has also caused kidney effects in animals. Prolonged overexposure to high concentrations of 2-butoxyethanol by skin absorption, ingestion and inhalation has caused blood, liver and 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 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)**

311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard categories:  
Immediate, Delayed.

313 REPORTABLE INGREDIENTS: 2-Butoxyethanol and diethylene glycol ethyl ether are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 under the chemical category Glycol Ethers.

**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 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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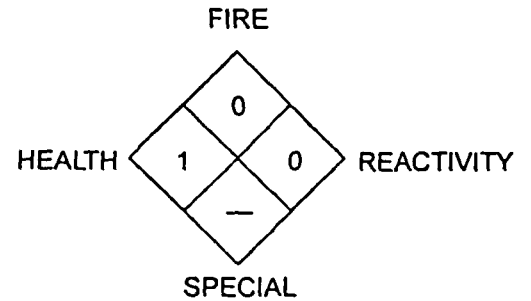
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**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	*	1
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION		-

**NFPA RATING**



**MSDS STATUS**

Revision #: 1

This MSDS replaces the MSDS. Any changes in information are as follows:

APPROVED BY: EH&S/Regulatory Affairs  
APPROVAL DATE: 05/20/1997

*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.*