

RAMSEY®**MATERIAL SAFETY DATA SHEET**

STEAMETTE Liquid Extraction Cleaner

Date Prepared: 02/18/1997
Date Revised: 05/20/1997

33315

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: STEAMETTE Liquid Extraction Cleaner

MANUFACTURERThe Ramsey Company
120 Bartlett Street
Marlborough, MA 01752-3065Ramsey Telephone Number: 800-421-2768
Emergency Telephone (24 hours): 800-228-5635 Ext 118**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>% BY WEIGHT</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Water	7732-18-5	60 - 100	NA	NA
Nonyl phenol ethoxylate	9016-45-9	7 - 13	NE	NE
Tetrapotassium diphosphate	7320-34-5	1 - 5	NE	NE
Anionic surfactant	NA	1 - 5	NE	NE
Fragrance	NA	0.1 - 1	NE	NE
Dye	NA	<0.1	NE	NE

NA - Not Applicable NE - Not Established

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Clear, Blue Liquid. Fresh 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.

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 may cause skin irritation.

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MEDICAL CONDITIONS AGGRAVATED:

May aggravate pre-existing eye and skin 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.

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:** Not applicable.**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.

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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).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**ENGINEERING CONTROLS:**

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

RESPIRATORY:

No respiratory protection is required if ventilation is adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Fresh

APPEARANCE: Clear, Blue

pH: 10.1 to 10.7

PERCENT VOLATILE BY WEIGHT: 87

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: 1.05

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:

Strong acids (e.g., hydrochloric) and oxidizers (e.g., bleach).

11. TOXICOLOGICAL INFORMATION**ACUTE DATA:**

Based on testing of a similar product, this product may cause eye irritation. The following data are available for product ingredients.

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
Nonyl phenol ethoxylate	2000-5000 mg/kg	1000-3000 mg/kg	Not Available
Tetrapotassium diphosphate	2980 mg/kg	7940 mg/kg	Not Available
Anionic surfactant	8690 mg/kg	3000 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

No data available.

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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.

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