



# MATERIAL SAFETY DATA SHEET

PAINT OIL & GREASE REMOVER

Date Prepared: 03/04/1997  
Date Revised: 09/29/1997

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: PAINT OIL & GREASE REMOVER  
Carpet Spotter 6

### 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

## 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> |
|--|----------------|--------------------|----------------------|-----------------------|
| Solvent naphtha (petroleum),<br>medium aliphatic | 64742-88-7     | 30 – 60            | 100 ppm              | 100 ppm               |
| Diethylene glycol monobutyl<br>ether             | 112-34-5       | 15 – 40            | NE                   | NE                    |
| Nonyl phenol ethoxylate                          | 9016-45-9      | 3 – 7              | NE                   | NE                    |
| Dodecylbenzenesulfonic acid                      | 27176-87-0     | 1 – 5              | NE                   | NE                    |
| n-Amyl acetate                                   | 628-63-7       | 1 – 5              | 100 ppm (525 mg/m3)  | 100 ppm (532 mg/m3)   |
| Triethanolamine                                  | 102-71-6       | 0.5 – 1.5          | NE                   | 5 mg/m3               |

NA - Not Applicable    NE - Not Established

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Clear, Amber Liquid. Solvent Odor. Combustible. Causes Eye and Skin Irritation. May Be Harmful if Swallowed.

### 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:

Causes eye irritation. Symptoms may include redness and pain.

#### SKIN:

Causes skin irritation. Symptoms may include redness, rash and mild swelling.

#### INGESTION:

May be harmful if swallowed. 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. Ingestion may lead to aspiration into the lungs causing lung injury.

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**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.

**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.

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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.

**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: 143°F 61°C TCC

**FLAMMABLE LIMITS**

UPPER EXPLOSIVE LIMIT: 7 (solvent naphtha)

LOWER EXPLOSIVE LIMIT: 1 (solvent naphtha)

AUTOIGNITION TEMPERATURE: Not applicable.

**EXTINGUISHING MEDIA:**

Use water fog, dry chemical, CO<sub>2</sub>, or foam.

**HAZARDOUS COMBUSTION PRODUCTS:**

Normal products of combustion (carbon monoxide and carbon dioxide), nitrogen oxides and sulfur oxides.

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**FIRE AND EXPLOSION HAZARDS:**

Class IIIA combustible liquid. This product is combustible and may be ignited by heat, flames and other ignition sources.

**FIRE FIGHTING INSTRUCTIONS:**

Evacuate area. Cool containers exposed to fire with water. 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. Remove ignition sources and ventilate spill area. Contain and isolate spill. Prevent from entering sewers and waterways. Keep non-essential personnel from entering spill area. Use mop, absorbent and non-sparking tools 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, skin and clothing. Use with adequate ventilation. Avoid breathing vapor or mist. Use spark-proof tools. Wash thoroughly after handling. Remove contaminated 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). Store away from direct sunlight. Keep away from heat, sparks and flame.

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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 skin contact is possible, chemical-resistant clothing (e.g., gloves) should be worn.

**RESPIRATORY:**

No respiratory protection is required if ventilation is adequate and airborne concentrations are kept below exposure limits. When exposure limits may be exceeded, use appropriate respiratory protection (NIOSH/MSHA-approved) to prevent overexposure.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid  
 ODOR: Solvent  
 APPEARANCE: Clear, Amber  
 pH: Not Applicable  
 PERCENT VOLATILE BY WEIGHT: 90  
 VAPOR PRESSURE: Not Determined  
 VAPOR DENSITY: Not Determined  
 BOILING POINT: 368 to 402°F 187 to 206°C  
 FREEZING/MELTING POINT: Not Determined  
 SOLUBILITY IN WATER: Dispersible  
 EVAPORATION RATE: Not Determined  
 SPECIFIC GRAVITY: 0.854  
 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) and strong acids (e.g., hydrochloric acid).

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**11. TOXICOLOGICAL INFORMATION**

ACUTE DATA:

This product causes moderate skin and eye irritation. Based on acute toxicity testing, it is not considered to be toxic by ingestion. The following data are available for this product and its 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> |
|---|-----------------------------------|--|---|
| PAINT OIL & GREASE REMOVER                    | >5000 mg/kg                       | Not Available                          | Not Available                           |
| Solvent naphtha (petroleum), medium aliphatic | 25000 mg/kg                       | >4000 mg/kg                            | 700 ppm (4-hr)                          |
| Diethylene glycol monobutyl ether             | 5660 mg/kg                        | 4120 mg/kg                             | Not Available                           |
| Nonyl phenol ethoxylate                       | 2000–5000 mg/kg                   | 1000–3000 mg/kg                        | Not Available                           |
| Dodecylbenzenesulfonic acid                   | 650 mg/kg                         | Not Available                          | Not Available                           |
| n-Amyl acetate                                | 6500–16600 mg/kg                  | >17500 mg/kg                           | Not Available                           |
| Triethanolamine                               | 4000 mg/kg                        | 2000 mg/kg                             | Not Available                           |

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**SENSITIZATION DATA:**

No data available.

**CHRONIC DATA:**

Prolonged overexposure to high concentrations of aliphatic petroleum distillates by inhalation has caused minor kidney effects in laboratory animals. Prolonged overexposure to high concentrations of triethanolamine by ingestion and dermal absorption has caused minor 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:** Diethylene glycol monobutyl ether is 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:** Not reportable under CERCLA.

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**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

TSCA STATUS: This product complies with all TSCA inventory requirements.

**CANADA**

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):**

Class B-Division 3, combustible liquid; 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.

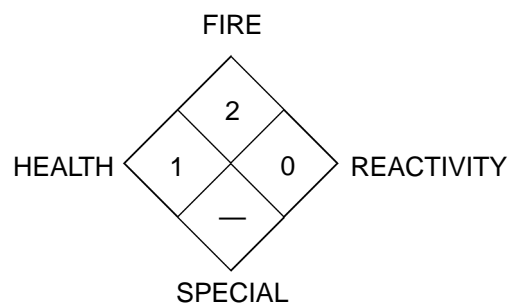
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**16. OTHER INFORMATION**

**HMIS RATING**

|                     |   |   |
|---------------------|---|---|
| HEALTH              | - | 2 |
| FLAMMABILITY        |   | 2 |
| REACTIVITY          |   | 0 |
| PERSONAL PROTECTION | - |   |

**NFPA RATING**



**MSDS STATUS**

Revision #: 1

This MSDS replaces the May 20, 1997 MSDS. Any changes in information are as follows:

In Section 1

General Use Statement

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 09/29/1997

*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.*