

Ramsey

CARPET SPOTTER 7

DELIBLE INK STAIN REMOVER Solvent Spotter  
 Date Prepared: 03/04/1997  
 Date Revised: 09/29/1997

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 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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Product Name/Use: DELIBLE INK STAIN REMOVER Solvent Spotter  
 Carpet Spotter 7  
 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  
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INGREDIENT(S)/ CAS NO.	% BY WEIGHT	OSHA PEL/STEL	ACGIH TLV/STEL
Water 7732-18-5	40 - 70	NA	NA
Triethanolamine 102-71-6	7 - 13	NE	5 mg/m3
n-Butyl alcohol 71-36-3	5 - 10	100 ppm / 50 ppm (Ceiling, Skin)	/50 ppm (Ceiling, Skin)
2-Butoxyethanol 111-76-2	3 - 7	25 ppm (120 mg/m3)/ (Skin)	25 ppm (121 mg/m3)/ (Skin)
Hexylene glycol 107-41-5	1 - 5	NE /25 ppm (Ceiling)	NE /25 ppm (Ceiling)
n-Amyl acetate 628-63-7	1 - 5	100 ppm (525 mg/m3)	100 ppm (532 mg/m3)

NA - Not Applicable  
 NE - Not Established

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 3. HAZARDS IDENTIFICATION  
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EMERGENCY OVERVIEW: Clear, Amber Liquid. Banana Odor.  
 Combustible. May Cause Severe Eye Irritation and Skin  
 Irritation. Harmful if Swallowed.

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological  
 Information)

PRIMARY ROUTE(S) OF EXPOSURE:

- Eye: X
- Skin Contact: X
- Skin Absorption:
- Inhalation: X
- Ingestion: X

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: May cause severe eye irritation. Symptoms may  
 include pain, tearing, redness, and clouding of the eye  
 surface.

SKIN: May cause skin irritation. Symptoms may include  
 redness, rash and mild swelling.

INGESTION: 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.

INHALATION: High concentrations of vapor or mist may  
 cause nose, throat and respiratory tract irritation.  
 Symptoms may include coughing and a burning sensation  
 in the nose and throat. 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  
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EYES: Immediately 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 immediate 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  
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FLASH POINT AND METHOD: 119 deg F 48 deg C TCC

FLAMMABLE LIMITS

UPPER EXPLOSIVE LIMIT: 11.2% (n-butyl alcohol)  
 LOWER EXPLOSIVE LIMIT: 1.4% (n-butyl alcohol)

AUTOIGNITION TEMPERATURE: Not applicable.

EXTINGUISHING MEDIA: Use water fog, dry chemical, CO2, or  
 foam.

HAZARDOUS COMBUSTION PRODUCTS: Normal products of  
 combustion (carbon monoxide and carbon dioxide) and  
 nitrogen oxides.

FIRE AND EXPLOSION HAZARDS: Class II combustible liquid.  
 This product is combustible and may be ignited by heat,  
 sparks, flame, and other ignition sources. Vapors can  
 travel to a source of ignition and flash back.

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  
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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. 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  
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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  
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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).

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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 general room ventilation is adequate and airborne concentrations are kept below exposure limits. When exposure limits are exceeded, use appropriate respiratory protection (NIOSH/MSHA) to prevent overexposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Banana

APPEARANCE: Clear, Amber

pH: 9.5

PERCENT VOLATILE BY WEIGHT: 95

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: 0.996

VISCOSITY: Water Thin

OCTANOL/WATER PARTITION COEFFICIENT: Not Determined

ODOR THRESHOLD: Not Determined

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).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:

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

PRODUCT/ INGREDIENT	ORAL LD50 (rat)	DERMAL LD50 (rabbit)	INHALATION LC50 (rat)
Triethanolamine	4000 mg/kg	2000 mg/kg	Not Available
n-Butyl alcohol	790-4400	1600-3500	8000 ppm
	mg/kg	mg/kg	(4-hr)
2-Butoxyethanol	470 mg/kg	220 mg/kg	450 ppm (4-hr)
Hexylene glycol	3700-4700	7900-1200	Not Available
	mg/kg	mg/kg	
n-Amyl acetate	6500-16600	>17500	Not Available
	mg/kg	mg/kg	

SENSITIZATION DATA: No data available.

CHRONIC DATA: Prolonged overexposure to n-butyl alcohol by ingestion and inhalation has caused central nervous system effects in humans and laboratory animals. Prolonged overexposure to high concentrations of triethanolamine by ingestion and dermal absorption has caused minor liver and kidney effects in laboratory 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.

12. ECOLOGICAL INFORMATION

This product is made with all biodegradable detergents. No other 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 hazardous waste (Ignitable-D001) 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 when in a container of 119 gallons (454 liters) or less.

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, Fire.

313 REPORTABLE INGREDIENTS: 2-Butoxyethanol (under the chemical category Glycol Ethers) and n-butyl alcohol 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.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not 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 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.

16. OTHER INFORMATION

HMIS RATING

HEALTH: \* 3

FLAMMABILITY: 2

REACTIVITY: 0

PERSONAL PROTECTION: -

NFPA RATING

HEALTH: 2

FIRE: 2

REACTIVITY: 0

SPECIAL: -

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

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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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MSDS No: 6022

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COMPAS Code: 50400400