

Ramsey

CARPET SPOTTER 2

COFFEE & TANNIN Stain Remover

Date Prepared: 09/29/1997

Date Revised: 12/17/1997

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: COFFEE & TANNIN Stain Remover

Carpet Spotter 2

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

INGREDIENT(S)/ CAS NO.	% BY WEIGHT	OSHA PEL/STEL	ACGIH TLV/STEL
Water 7732-18-5	60 - 100	NA	NA
Hydroxyacetic acid 79-14-1	5 - 10	NE	NE
Isopropyl alcohol 67-63-0	3 - 7	400 ppm (980 mg/m3)/ 500 ppm (1225 mg/m3)	400 ppm (983 mg/m3)/ 500 ppm (1230 mg/m3)
Alkoxyated linear alcohol 68987-81-5	3 - 7	NE	NE

NA - Not Applicable

NE - Not Established

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Clear, Colorless to Light Yellow
Liquid. Mild, Alcohol 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: 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: 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.

INHALATION: High concentrations of vapor or mist may
cause nose, throat and respiratory tract irritation.
Symptoms may include coughing, wheezing and shortness
of breath. High concentrations of vapor or mist may
also cause central nervous system effects including
headache, dizziness and nausea.

EFFECTS OF CHRONIC EXPOSURE: Prolonged contact may cause
skin burns. Symptoms may include pain, redness, swelling,
scarring, and skin damage.

MEDICAL CONDITIONS AGGRAVATED: May aggravate pre-existing
eye, skin and respiratory conditions.

4. FIRST AID MEASURES

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 immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: 115 deg F 46 deg C TCC

FLAMMABLE LIMITS: Not applicable.

FLAMMABLE LIMITS

UPPER EXPLOSIVE LIMIT: 12.7% (isopropyl alcohol)

LOWER EXPLOSIVE LIMIT: 2% (isopropyl 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).

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.

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. Keep
non-essential personnel from entering spill area. Use mop
and absorbent and non-sparking tools to collect material
for proper disposal. Use non-metallic implements for
cleaning and collection. Rinse area with water.

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: General room ventilation is expected
to be adequate. If user operations generate 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. For hydroxyacetic acid, use an approved respirator equipped with an acid gas cartridge.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
 ODOR: Mild, Alcohol
 APPEARANCE: Clear, Colorless to Light Yellow
 pH: 2.2 to 2.7
 PERCENT VOLATILE BY WEIGHT: 89
 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: 1.026
 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, chlorine (e.g., bleach), strong bases (e.g., sodium hydroxide), and reactive metals (e.g., aluminum).

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)
Hydroxyacetic acid	1950 mg/kg	Not Available	7.7 mg/L (4-hr)
Isopropyl alcohol	5840 mg/kg	13000 mg/kg	12000 ppm (8-hr)
Alkoxyated linear alcohol	1800 mg/kg	>2000 mg/kg	Not Available

SENSITIZATION DATA: No data available.
 CHRONIC DATA: Prolonged overexposure to hydroxyacetic acid by ingestion has caused kidney effects (calcium oxylate crystal deposits) 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

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: 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):
 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 September 29, 1997 MSDS. Any changes in information are as follows:
 In Section 13: General Comments (text)
 APPROVED BY: EH&S/Regulatory Affairs
 APPROVAL DATE: 12/17/1997

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.

MSDS No: 6263

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