



## MATERIAL SAFETY DATA SHEET

FREEFALL General  
Purpose Cleaner

MSDS No: 6068  
Date Prepared: 06/21/2001  
Date Revised: 10/11/2003

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name/Use:** FREEFALL General Purpose Cleaner

**MSDS CODE:** 3138494

**PRODUCT CODE:** 6068110, 6068520, 6068550

### MANUFACTURER

The Ramsey Company  
8310 16th St.  
Sturtevant, WI 53177-0902

Ramsey Telephone Number: 800-421-2768  
Emergency Telephone (24 hours): 800-228-5635  
CHEMTREC (U.S./Can.): 800-424-9300  
CHEMTREC (Int'l): +1 703-527-3887

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<b>INGREDIENT(S)</b>	<b>CAS#</b>	<b>% BY WEIGHT</b>	<b>OSHA PEL/STEL</b>	<b>ACGIH TLV/STEL</b>
Water	7732-18-5	60 - 100	NA	NA
Alkoxylated linear alcohol	68987-81-5	3 - 7	NA	NA
Ethanolamine	141-43-5	0.5 - 1.5	3 ppm 8 mg/m3 / 6 ppm 15 mg/m3	3 ppm 7.5 mg/m3 / 6 ppm 15 mg/m3
Fragrance	NA	< 0.1	NA	NA
Dye	NA	< 0.1	NA	NA

NA - Not Available

**OSHA REGULATORY STATUS:** This product is classified as hazardous under OSHA regulations.

**WHMIS CLASS:** Class D- Division 2B

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Clear, Green Liquid . Citrus 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 mild eye irritation. Symptoms may include redness and tearing.

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

**INGESTION:** May cause mild mouth, throat and stomach irritation. Symptoms may include nausea.

**INHALATION:** Not expected to be irritating or harmful if inhaled.

**EFFECTS OF CHRONIC EXPOSURE:** Prolonged or repeated contact may cause skin irritation.

# FREEFALL General Purpose Cleaner

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**MEDICAL CONDITIONS AGGRAVATED:** May aggravate pre-existing eye and skin 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 if irritation develops.

**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 medical attention.

**INHALATION:** Remove to fresh air. Get medical attention if symptoms persist.

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## 5. FIRE FIGHTING MEASURES

**FLASH POINT AND METHOD:** > 93°C (200°F)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:** Good 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Citrus

**APPEARANCE:** Clear, Green

**pH:** 9.3 to 10.2

**PERCENT VOLATILE BY WEIGHT:** 93

**VAPOR PRESSURE:** Not Determined

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**VAPOR DENSITY:** Not Determined  
**BOILING POINT:** Not Determined  
**FREEZING/MELTING POINT:** Not Determined  
**SOLUBILITY IN WATER:** Complete  
**EVAPORATION RATE:** Not Determined  
**SPECIFIC GRAVITY:** 1.01  
**VISCOOSITY:** 20 cps  
**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 known.

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

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## 11. TOXICOLOGICAL INFORMATION

**ACUTE DATA:** Based on testing of a similar product, this product may cause minimal to mild eye irritation and minimal skin irritation. The following data are available for product ingredients.

<b>PRODUCT/INGREDIENT</b>	<b>ORAL LD<sub>50</sub> (rat)</b>	<b>DERMAL LD<sub>50</sub> (rabbit)</b>	<b>INHALATION LC<sub>50</sub> (rat)</b>
Water			
Alkoxylated linear alcohol	1800 mg/kg	>2000 mg/kg	Not Available
Ethanolamine	1720 mg/kg	1018 mg/kg	Not Available
Fragrance	Not Available	Not Available	Not Available
Dye	Not Available	Not Available	Not Available

**SENSITIZATION DATA:** No data available.

**CHRONIC DATA:**

Prolonged overexposure to high concentrations of 2-propanol, 1-amino by ingestion has caused 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:** 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 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.

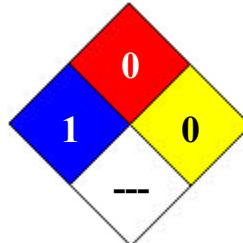
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**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	*	1
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION	-	

**NFPA CODES:**



**APPROVED BY:** Product Safety & Regulatory

**MSDS STATUS** Revision #: 6

This MSDS replaces the June 10, 2002 MSDS. Any changes in information are as follows:

In Section 1

Approved by Product Code

*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.*