

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Evercycle 717 LF

GENERAL USE: Alkaline Cleaner / Inhibitor

PRODUCT DESCRIPTION: Hazy clear liquid, slightly yellow, slight amine odor.



MANUFACTURER'S NAME

Ransohoff

DATE PREPARED: November 28, 2007

SUPERSEDES: New

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ADDRESS (NUMBER, STREET, P.O. BOX)

4933 Provident Drive

TELEPHONE NUMBER FOR INFORMATION

(513) 870-0100

(CITY, STATE AND ZIP CODE)

Cincinnati, OH 45246

COUNTRY

USA

EMERGENCY TELEPHONE NUMBER

Chemtrec (800) 424-9300 Outside USA (703) 527-3887

DISTRIBUTOR'S NAME

Same

ADDRESS (NUMBER, STREET, P.O. BOX)

TELEPHONE NUMBER FOR INFORMATION

(CITY, STATE AND ZIP CODE)

COUNTRY

EMERGENCY TELEPHONE NUMBER

## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M3	PPM	MG/M3		
Triethanolamine	102-71-6	1 - 5					5	
Dipropylene glycol methyl ether (a)	34590-94-8	1 - 5		600	100			
Sodium tetraborate pentahydrate (b)	12179-04-3	3 - 7		not established				

(a) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves, coveralls, goggles, or other appropriate equipment.

(b) Sodium tetraborate pentahydrate (12179-04-3) is not listed on the Canadian DSL or NDSL because it is a hydrate. The CAS number for the anhydrous form is on the list. All other components of this product identified by CAS number are listed on the DSL or NDSL.

## SECTION 3 - HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Mild liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Hazard Symbols for this product - None. Risk Phrases - Not classified

### POTENTIAL HEALTH EFFECTS

INHALATION: None expected, however, certain individuals may experience minor nausea or headaches.

SKIN: None expected, however, prolonged contact may cause irritation.

EYES: This product is an eye irritant. Contact with the eyes will cause irritation.

INGESTION: May cause gastric distress, vomiting and diarrhea.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

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**SECTION 4 - FIRST AID MEASURES**

INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention.

SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

EYES: Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting; seek medical attention; never give anything by mouth to an unconscious person.

**SECTION 5 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED)

Non-flammable

FLAMMABLE LIMITS

LEL: Not applicable

UEL: Not applicable

AUTOIGNITION TEMPERATURE: Not determined

NFPA CLASS: **None**

GENERAL HAZARDS: Product is irritating to skin, eyes and respiratory tract. Products of combustion include compounds of carbon, hydrogen, nitrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA

Carbon dioxide, water, water fog, dry chemical, chemical foam.

FIRE FIGHTING PROCEDURES

Keep containers cool with water spray to prevent container rupture due to steam buildup; contact with material may cause irritation to skin, eyes and respiratory tract.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

HAZARDOUS COMBUSTION PRODUCTS

Smoke, fumes or vapors, oxides of carbon.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills - wash to sanitary sewer with plenty of water. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container; for spills in excess of allowable quantities (RQ) notify the National Response Center (800) 424 - 8802; refer to SARA Title III, Section 313 40 CFR 372, and CERCLA 40 CFR 302 for complete regulations concerning reporting requirements.

**SECTION 7 - HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****ENGINEERING CONTROLS**

The use of local exhaust ventilation is recommended. No other special controls are indicated.

**PERSONAL PROTECTION:**

RESPIRATORY PROTECTION: None required

PROTECTIVE GLOVES: Recommended for general protection

EYE PROTECTION: Chemical splash goggles. Refer to 29 CFR 1910.133 or European Standard EN166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyewash station nearby.

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

VAPOR PRESSURE 17 mm Hg @ 20° C	VAPOR DENSITY (AIR = 1) > 1
SPECIFIC GRAVITY (WATER = 1) 1.056	EVAPORATION RATE (Water = 1) < 1
SOLUBILITY IN WATER Complete	FREEZING POINT < 32° F (< 0° C)
pH 9.9	APPEARANCE AND ODOR Hazy clear liquid, slightly yellow, slight amine odor.
BOILING POINT > 212° F (> 100° C)	PHYSICAL STATE Liquid
VISCOSITY Not specified	VOLATILE ORGANIC COMPOUNDS (Total VOC's) 1.6 pounds / gallon (192 grams / liter)

**SECTION 10 - STABILITY AND REACTIVITY**

STABILITY UNSTABLE: STABLE: X	CONDITIONS TO AVOID: Extreme temperatures.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids.	

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: X	CONDITIONS TO AVOID: None
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**SECTION 11 - TOXICOLOGICAL INFORMATION**

Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Triethanolamine	102-71-6	203-049-8	2200 mg / kg Oral - rabbit	Not determined
Dipropylene glycol methyl ether (a)	34590-94-8	252-104-2	5135 mg / kg Oral - rat	Not established
Sodium tetraborate pentahydrate (b)	12179-04-3	Not found	Not established	Not established

**SECTION 12 - ECOLOGICAL INFORMATION**

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Product is classified as non - hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to 40 CFR 260 - 299 for complete waste disposal regulations. Consult your local, state, or federal agency before disposing of any chemicals.

**SECTION 14 - TRANSPORT INFORMATION**

PROPER SHIPPING NAME: Non - Hazardous for Transport

DOT HAZARD CLASS / Pack Group: Not regulated  
REFERENCE: Not Applicable  
UN / NA IDENTIFICATION NUMBER: None  
LABEL: None Required  
HAZARD SYMBOLS: None

IATA HAZARD CLASS / Pack Group: Not regulated  
IMDG HAZARD CLASS: Not regulated  
RID/ADR Dangerous Goods Code: Not regulated  
UN TDG Class / Pack Group: Not regulated  
Hazard Identification Number (HIN): None

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

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**SECTION 15 - REGULATORY INFORMATION**

**TSCA (Toxic Substance Control Act)**

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

**SARA TITLE III (Superfund Amendments and Reauthorization Act)**

311/312 Hazard Categories  
None

313 Reportable Ingredients:  
None

**CERCLA (Comprehensive Response Compensation and Liability Act)**

None

**California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986**

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

**CPR (Canadian Controlled Products Regulations)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: D2b

**IDL (Canadian Ingredient Disclosure List)**

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)**

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

**EINECS (European Inventory of Existing Commercial Chemical Substances)**

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

**EC Risk Phrases**

Not classified

**SYMBOL(S) REQUIRED FOR LABEL**

None

**EC Safety Phrases**

S2 Keep out of the reach of children.  
S24/25 Avoid contact with skin and eyes.

**SECTION 16 - OTHER INFORMATION**

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on Information from similar products, the ingredients, technical literature, and/or professional experience.

**HMIS HAZARD RATINGS**

HEALTH	1	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	0	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME
PERSONAL PROTECTIVE EQUIPMENT	B	Safety Glasses, Gloves	

**REVISION SUMMARY:**

This MSDS has been revised in the following sections: No changes noted

MSDS Prepared by: Comprehensive Data Base, Inc.  
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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material, even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.