



# MATERIAL SAFETY DATA SHEET

320-010

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## Section 1: Product & Company Identification

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**Product Name:** Tannery® Leather and Vinyl Cleaner (aerosol)

**Product Number (s):** 74171

**Product Use:** Leather and Vinyl Cleaner

### Manufacturer / Supplier Contact Information:

In United States:

CRC Industries, Inc.  
885 Louis Drive  
Warminster, PA 18974  
[www.crcindustries.com](http://www.crcindustries.com)  
1-215-674-4300 (General)  
(800) 521-3168 (Technical)  
(800) 272-4620 (Customer Service)

In Canada:

CRC Canada Co.  
2-1246 Lorimar Drive  
Mississauga, Ontario L5S 1R2  
[www.crc-canada.ca](http://www.crc-canada.ca)  
1-905-670-2291

24-Hr Emergency – CHEMTREC: (800) 424-9300 or (703) 527-3887

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## Section 2: Hazards Identification

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### Emergency Overview

**CAUTION:** Contents Under Pressure  
Appearance & Odor: White milky emulsion with leather odor

### Potential Health Effects:

**ACUTE EFFECTS:**

**EYE:** May cause mild to moderate irritation including redness and burning.

**SKIN:** No adverse effects expected for a single exposure. Prolonged or repeated contact can cause irritation and defatting of the skin.

**INHALATION:** Inhalation of a small amount is not expected to cause health effects. Prolonged exposure may cause dizziness, headache or throat irritation.

**INGESTION:** Ingestion of a small amount is not expected to cause health effects. Ingestion of a larger amount may cause irritation to gastrointestinal tract. There is a possibility of aspiration of this material into the lungs during swallowing or vomiting. Aspiration may cause mild to severe pulmonary injury. Due to the viscosity of this product, aspiration is not likely.

**CHRONIC EFFECTS:** None known

**TARGET ORGANS:** By ingestion: Blood, liver, kidneys lungs

**Medical Conditions Aggravated by Exposure:** pre-existing skin or eye disorders

See Section 11 for toxicology and carcinogenicity information on product ingredients.

### Section 3: Composition/Information on Ingredients

COMPONENT	CAS NUMBER	% by Wt.
Water	7732-18-5	55 - 65
Synthetic isoparaffinic hydrocarbon	64742-48-9	5 - 10
White mineral oil	8042-47-5	3 - 8
Nonionic wax emulsion	proprietary	3 - 8
2-Butoxyethanol	111-76-2	1.7
Liquefied Petroleum Gas	68476-86-8	15 - 25

### Section 4: First Aid Measures

- Eye Contact:** Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists.
- Skin Contact:** Remove contaminated clothing and wash affected area with soap and water. Call a physician if irritation persists. Wash contaminated clothing prior to re-use.
- Inhalation:** Remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.
- Ingestion:** Do not induce vomiting. Call a physician immediately.
- Note to Physicians:** This product contains 2-Butoxyethanol which, if ingested in significant quantities, may result in red blood cell hemolysis.

### Section 5: Fire-Fighting Measures

**Flammable Properties:** This product is nonflammable in accordance with aerosol flammability definitions. (See 16 CFR 1500.3(c)(6) ).

Flash Point: NA  
Autoignition Temperature: None

Upper Explosive Limit: ND  
Lower Explosive Limit: ND

#### **Fire and Explosion Data:**

- Suitable Extinguishing Media:** Use Class B extinguishing agents or as appropriate for surrounding fire.
- Products of Combustion:** Oxides of carbon
- Explosion Hazards:** Aerosol containers, when exposed to heat from fire, may build pressure and explode.
- Protection of Fire-Fighters:** Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

### Section 6: Accidental Release Measures

- Personal Precautions:** Use personal protection recommended in Section 8.
- Environmental Precautions:** Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains.

Methods for Containment & Clean-up: Dike area to contain spill. Ventilate the area with fresh air. If in confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Recover or absorb spilled material using an absorbent designed for chemical spills. Place used absorbents into proper waste containers.

## Section 7: Handling and Storage

**Handling Procedures:** Use with adequate ventilation. Avoid contact with skin and eyes. Wash hands after use. Do not expose aerosol containers to heat or flame. Do not incinerate container. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. For product use instructions, please see the product label.

**Storage Procedures:** Store in a cool dry area out of direct sunlight. Aerosol cans must be maintained below 120°F / 49°C to prevent cans from rupturing. Keep out of reach of children

**Aerosol Storage Level:** I

## Section 8: Exposure Controls/Personal Protection

### Exposure Guidelines:

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Water	NE	NE	NE	NE	NE		
Synthetic isoparaffinic hydrocarbon	NE	NE	NE	NE	NE		
White mineral oil	5	NE	5	10	NE		mg/m <sup>3</sup>
Non-ionic wax emulsion	NE	NE	NE	NE	NE		
2-Butoxyethanol	50 (s)	NE	20	NE	NE		ppm
Liquefied Petroleum Gas	1000	NE	1000	NE	NE		ppm
N.E. – Not Established      (c) – ceiling      (s) – skin      (v) – vacated							

### Controls and Protection:

**Engineering Controls:** Area should have ventilation to provide fresh air. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at the source, preventing dispersion into the general work area. Use mechanical means if necessary to maintain vapor levels below the exposure guidelines. If working in a confined space, follow applicable OSHA regulations.

**Respiratory Protection:** None required for normal work where adequate ventilation is provided. Air monitoring is needed to determine actual employee exposure levels. Use a self-contained breathing apparatus in confined spaces and for emergencies.

**Eye/face Protection:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**Skin Protection:** Use protective gloves such as nitrile or rubber. Also, use full protective clothing if there is prolonged or repeated contact of liquid with skin.

## Section 9: Physical and Chemical Properties

Physical State: liquid / emulsion

Color: milky white

Odor: leather

Odor Threshold: ND

Specific Gravity: 0.96

Initial Boiling Point: ND

Freezing Point: ND

Vapor Pressure: ND

Vapor Density: &gt;1 (air = 1)

Evaporation Rate: slow

Solubility: soluble in water

Coefficient of water/oil distribution: ND

pH: 9.8 – 10.5

Volatile Organic Compounds: wt %: 28.9 g/L: 277.4 lbs./gal: 2.31

## Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Keep away from heat and direct sunlight. Do not touch container to live electrical sources. Container will conduct electricity. Dropping of containers may cause bursting.

Incompatible Materials: Strong oxidizers

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

Possibility of Hazardous Reactions: No

## Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. The following information is available for components of this product.

### Acute Toxicity:

Component	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 (rat)
Water	> 90 mL/kg	No data	No data
Synthetic isoparaffinic hydrocarbon	No data	No data	No data
White mineral oil	> 5 g/kg	> 2 g/kg	> 5 mg/l
Non-ionic wax emulsion	No data	No data	No data
2-Butoxyethanol	470 mg/kg	220 mg/kg	450 ppm/4H
Liquefied Petroleum Gas	No data	No data	No data

**Chronic Toxicity:**

<u>Component</u>	<u>OSHA Carcinogen</u>	<u>IARC Carcinogen</u>	<u>NTP Carcinogen</u>	<u>Irritant</u>	<u>Sensitizer</u>
Water	No	No	No	No	No
Synthetic isoparaffinic hydrocarbon	No	No	No	E & S (mild)	Unknown
White mineral oil	No	No	No	No	Unknown
Non-ionic wax emulsion	No	No	No	No	Unknown
2-Butoxyethanol	No	No	No	E (severe) / S & R (mild)	No
Liquefied Petroleum Gas	No	No	No	No	No

E – Eye	S – Skin	R - Respiratory
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Reproductive Toxicity: No information availableTeratogenicity: No information availableMutagenicity: No information availableSynergistic Effects: No information available**Section 12: Ecological Information**

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity: 2-Butoxyethanol 96 Hr LC50, Bluegill sunfish: 1490 mg/L  
24 Hr LC50, daphnia: 1720 mg/L  
Persistence / Degradability: Over 50% of this product is biodegradable.  
Bioaccumulation / Accumulation: No information available  
Mobility in Environment: No information available

**Section 13: Disposal Considerations**

Waste Classification: The dispensed liquid product is not a RCRA hazardous waste. (See 40 CFR Part 261.20 – 261.33)  
Empty aerosol containers may be recycled.

All disposal activities must comply with federal, state, provincial and local regulations. Local regulations may be more stringent than state, provincial or national requirements.

**Section 14: Transport Information**

US DOT (ground): UN1950, Aerosols, non-flammable, 2.2, Limited Quantity  
ICAO/IATA (air): UN1950, Aerosols, non-flammable, 2.2, Limited Quantity  
IMO/IMDG (water): UN1950, Aerosols, 2.2, Limited Quantity  
Special Provisions: None

**Section 15: Regulatory Information**U.S. Federal Regulations:

Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: None

**Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.**

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories:

Fire Hazard	No
Reactive Hazard	No
Release of Pressure	Yes
Acute Health Hazard	Yes
Chronic Health Hazard	No

Section 313 Toxic Chemicals: This product contains the following substances 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:  
2-Butoxyethanol (glycol ethers category): 1.7%

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): None

Occupational Safety and Health Administration (OSHA):

This product is regulated under the Hazard Communication Standard.

U.S. State Regulations:

California Safe Drinking Water and Toxic Enforcement Act (Prop 65):

This product may contain the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: None

Consumer Products VOC Regulations: In states with Consumer Products VOC regulations, this product is compliant as a Leather Care Product.

State Right to Know:

New Jersey: 111-76-2, 68476-86-8  
Pennsylvania: 111-76-2, 68476-86-8, 67-63-0  
Massachusetts: 111-76-2, 68476-86-8  
Rhode Island: 111-76-2, 68476-86-8

Canadian Regulations:

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 Hazard Class: A

Canadian DSL Inventory: All ingredients are either listed on the DSL Inventory or are exempt.

European Union Regulations:

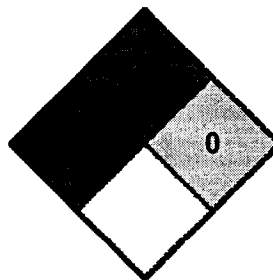
RoHS Compliance: This product is compliant with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003. This product does not contain any of the restricted substances as listed in Article 4(1) of the RoHS Directive.

Additional Regulatory Information: None

**Section 16: Other Information**

HMIS® (II)	
Health:	2
Flammability:	1
Reactivity:	0
PPE:	B

NFPA



Ratings range from 0 (no hazard) to 4 (severe hazard)

Prepared By: Michelle Rudnick  
 CRC #: 671  
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Changes since last revision: Section 13: Disposal Considerations  
 Section 14: Transport Information

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this MSDS consult your supervisor, a health & safety professional, or CRC Industries.

ACGIH: American Conference of Governmental Industrial Hygienists  
 CAS: Chemical Abstract Service  
 CFR: Code of Federal Regulations  
 DOT: Department of Transportation  
 DSL: Domestic Substance List  
 g/L: grams per Liter  
 HMIS: Hazardous Materials Identification System  
 IARC: International Agency for Research on Cancer  
 IATA: International Air Transport Association  
 ICAO: International Civil Aviation Organization  
 IMDG: International Maritime Dangerous Goods  
 IMO: International Maritime Organization  
 lbs./gal: pounds per gallon  
 LC: Lethal Concentration  
 LD: Lethal Dose

NA: Not Applicable  
 ND: Not Determined  
 NIOSH: National Institute of Occupational Safety & Health  
 NFPA: National Fire Protection Association  
 NTP: National Toxicology Program  
 OSHA: Occupational Safety and Health Administration  
 PMCC: Pensky-Martens Closed Cup  
 PPE: Personal Protection Equipment  
 ppm: Parts per Million  
 RoHS: Restriction of Hazardous Substances  
 STEL: Short Term Exposure Limit  
 TCC: Tag Closed Cup  
 TWA: Time Weighted Average  
 WHMIS: Workplace Hazardous Materials Information System