



turtle wax, inc  
625 Willowbrook Ctr Pkwy  
Willowbrook, Illinois 60527

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME      **RIM CLEAN**  
PRODUCT CODE      **T-311(C)**  
CHEMICAL FAMILY    Wheel Cleaners  
CHEMICAL NAME      Mixture: Water, acids, detergents, additives.  
FORMULA              Mixture

### **MANUFACTURER**

Turtle Wax, Inc.  
625 Willowbrook Centre Parkway  
Willowbrook, IL 60527  
Phone: 630-455-3700  
Fax: 630-455-3868

### **EMERGENCY TELEPHONE NUMBERS**

Transportation:  
CHEMTREC: 800-424-9300  
Medical:  
Contact your local Poison Control Center

## 2. POSITION/INFORMATION ON INGREDIENTS

<b>COMPONENT</b>	<b>CAS NUMBER</b>	<b>CONCENTRATION (wt. %)</b>
Phosphoric Acid (Orthophosphoric Acid)	7664-38-2	5-8%
Oxalic Acid (Ethane Dionic Acid)	144-62-7	1-3%
Ethylene Glycol Butyl Ether (2-Butoxyethanol)	111-76-2	1-3%

### **EXPOSURE LIMITS 8 hrs. TWA(ppm)**

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CARCINOGEN (OSHA, NPT, IARC)</u>
Phosphoric Acid (Orthophosphoric Acid)	1mg/m <sup>3</sup>	1mg/m <sup>3</sup>	No
Oxalic Acid (Ethane Dionic Acid)	1.000 mg/m <sup>3</sup>	1.000 mg/m <sup>3</sup>	No
Ethylenglyco Butyl Ether (2-Butoxyethanol)	25 ppm (Skin)	25 ppm (Skin)	No

## 3. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

**INHALATION:** Repeated or excessive inhalation of vapor can cause irritation, dizziness, and nausea. No chronic effects known.

**INGESTION:** Can cause digestive system upsets and nausea. Avoid sucking into lungs. No chronic effects known.

**SKIN CONTACT:** Repeated or excessive contact can cause moderate irritation, de-fatting or dermatitis. No chronic effects known.

**EYE CONTACT:** Causes irritation. No chronic effects known.

#### 4. **FIRST AID MEASURES**

**EYE:** Flush with water for 15 minutes. Get medical attention if effects persist.

**SKIN:** Remove contaminated clothing. Wash effected areas thoroughly with soap and water. Launder clothing before re-use.

**INHALATION:** Remove to fresh air. Use artificial respiration and oxygen if needed.

**INGESTION:** Rinse mouth. Drink large amounts of water. Do not induce vomiting. Get prompt medical attention.

#### 5. **FIRE FIGHTING MEASURES**

**FLASH POINT:** (Seta Flash Cl. Cup): >200°F (93°C) Explosive Limits: Lower: n/av Upper: n/av

**EXTINGUISHING MEDIA:** Water Spray, Alcohol Foam, Carbon Dioxide, Dry Chemical

**SPECIAL FIRE FIGHTING PROCEDURES:** Avoid flow of material to sewers. See Sec. 8 for personal protection.

#### 6. **ACCIDENTIAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURES:** Remove all ignition sources. Provide good ventilation. Take up spills and put into closed containers. Avoid flow to sewers. Floors may be slippery. See Section 8 for other protective measures.

#### 7. **HANDLING AND STORAGE**

**STORAGE TEMPERATURE (MIN./MAX.):** 32 ° F (0 ° C)/ 120 ° F (49 C)

**SHELF LIFE:** 7 years minimum when the original container is kept tightly closed and properly stored.

**SPECIAL SENSITIVITY:** None.

**HANDLING AND STORAGE PRECAUTIONS:** Store in cool and ventilated places, but avoid freezing. Keep containers closed.

#### 8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION REQUIREMENTS:** Wear goggles. Have convenient eye wash stations.

**SKIN PROTECTION REQUIREMENTS:** Wear chemical resistant gloves and other clothing as needed to prevent exposure.

**RESPIRATOR/VENTILATION PROTECTION REQUIREMENTS:** Provide sufficient ventilation to avoid exposure levels above the established TLV.

**INGESTION PROTECTION REQUIREMENTS:** Avoid swallowing or sucking into lungs. Wear face shield if face contact is likely.

**EXPOSURE LIMITS:** Not established for product as whole.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL FORM:** Thin Liquid

**COLOR:** Pale straw.

**ODOR:** Typical acrid scent.

**BOILING POINT:** n/av

**MELT / FREEZE POINT** n/av

**PH:** 1.5

**SOLUBILITY IN WATER:** Complete

**% NON-VOLATILE BY WEIGHT:** 16.5%

**SPECIFIC GRAVITY:** 1.067

**VAPOR PRESSURE:** n/av

**VAPOR DENSITY:** n/av

10. **REACTIVITY**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Does not occur.

**INCOMPATIBILITIES:** Strong alkalis.

**DECOMPOSITION PRODUCTS:** When burned: CO<sub>2</sub>, CO, Hydrocarbons.

11. **TOXICOLOGICAL INFORMATION**

**ACUTE INHALATION:** Can cause irritation, dizziness, and nausea.

**CHRONIC INHALATION:** None known.

**ACUTE SKIN CONTACT:** Can cause irritation, de-fatting, or dermatitis.

**CHRONIC SKIN CONTACT:** None known.

**ACUTE EYE CONTACT:** Causes irritation

12. **ECOLOGICAL INFORMATION**

No data available.

13. **DISPOSAL CONSIDERATIONS**

**RCRA HAZARDOUS WASTE:** Is a RCRA hazardous waste (D-002 Corrosive).

**WASTE DISPOSAL METHOD:** Dispose of product in accordance with all local, state and federal laws and regulations.

14. **TRANSPORT INFORMATION**

**DOT INFORMATION:** Consumer Commodity ORM-D.

**PROPER SHIPPING NAME:** ORM-D

**TECHNICAL SHIPPING NAME:** Consumer Commodity, ORM-D

**HAZARD CLASS:** None

**UN NUMBER:** None

**PRODUCT RQ (lbs):** None

**LABEL:** Non Bulk None  
Bulk Corrosive Liquid, Acidic, Inorganic, n.o.s.  
(Phosphoric and Oxalic Acid),8,UN3264

**PLACARD:** Non Bulk None  
Bulk Corrosive Liquid, Acidic, Inorganic, n.o.s.  
(Phosphoric and Oxalic Acid),8,UN3264

**FREIGHT CLASS BULK:** PG-III

**FREIGHT CLASS PACKAGE:** PG-III

**PRODUCT LABEL** None

15. **REGULATORY INFORMATION**

**TSCA STATUS:** All ingredients are commercially available and listed by manufacturer. All ingredients are listed under TSCA.

**CERCLA REPORTABLE QUANTITY:** None

**SARA TITLE III:**

**SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES** None

**SECTION 311/312 HAZARD CATEGORIES**

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

**SECTION 313**

<b>CHEMICAL NAME</b>	<b>CAS NUMBER</b>	<b>CONCENTRATION</b>
Ethylene Glycol Butyl Ether	111-76-2	1-3%

**CANADIAN STATUS:** All materials contained in this product are listed on the Canadian Domestic Substances List. Consult Turtle Wax, Inc. regarding status of ingredients.

**EUROPEAN UNION:** All materials contained in this product are listed on EINECS.

**STATE REGULATORY INFORMATION**

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

**COMPONENT/**

**CAS NUMBER**

**CONCENTRATION**

**STATE CODE**

None

**16. OTHER INFORMATION**

**HMIS CLASSIFICATION**

Health 3

Flammability 1

Reactivity 0

PPI D

**NFPA RATING**

Health 3

Fire 1

Reactivity 0

Special None

**REASON FOR ISSUE**

Revised to ANSI format

**PREPARED BY**

Fred Joseph

**TITLE**

Group Leader, R&D

**APPROVAL DATE**

September 12, 2007

**SUPERCEDES DATE**

New

**REVISION NUMBER**

A - 1

This information is to the best of Turtle Wax, Inc.'s knowledge and belief, accurate and reliable. However, no representation, warranty, or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.