



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

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME **TURTLE WAX ICE WHEEL AND TIRE CLEANER**

PRODUCT CODE **T-475(C)**

CHEMICAL FAMILY Wheel & Tire 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

COMPONENT	CAS NUMBER	CONCENTRATION (wt. %)
Phosphoric Acid (Orthophosphoric Acid)	7664-38-2	5-8%
Oxalic Acid (Ethane Dionic Acid)	144-62-7	1-3%
Diethylene Glycol Mono Butyl Ether (2-Butoxyethanol)	112-34-5	3-5%

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 ³	1mg/m ³	No
Oxalic Acid (Ethane Dionic Acid)	1.000 mg/m ³	1.000 mg/m ³	No
Diethylene Glycol Mono Butyl Ether (Butyl Carbitol)	35 ppm (Skin)	35 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. **ACCIDENTAL 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: CO₂, 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

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
Ethylene Glycol Butyl Ether	112-34-5	3-5%

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

3 year up-date

PREPARED BY

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TITLE

Technical Director, R&D

APPROVAL DATE

September 1, 2011

SUPERCEDES DATE

July 27, 2011

REVISION NUMBER

A - 3

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.