



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

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME      **TURTLE WAX 1-STEP WAX & DRY**

PRODUCT CODE      **T-009(C)**

CHEMICAL FAMILY      Wax Detailer.

CHEMICAL NAME      Mixture: waxes, solvents, water, 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>
Isopropyl Alcohol (Isopropanol)	67-63-0	1-3%

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

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CARCINOGEN (OSHA,NPT,IARC)</u>
Isopropyl Alcohol (Isopropanol)	400 ppm	400 ppm	No

### 3. HAZARDS IDENTIFICATION

#### **POTENTIAL HEALTH EFFECTS**

**INHALATION:** Repeated or excessive inhalation of vapor can cause irritation 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:** Can cause 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. Never give anything orally to someone who is unconscious. Give several large glasses of water to drink. If liquid is sucked into lungs, get prompt medical attention.

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

**FLASH POINT:** (Seta Flash Cl. Cup): 153°F(67°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 solvent 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.

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL FORM:** milky thin liquid

**COLOR:** Off-white

**ODOR:** Coconut Pear

**BOILING POINT:** n/av

**MELT / FREEZE POINT** n/av

**PH:** 5.0

**SOLUBILITY IN WATER:** Dispersible

**SPECIFIC GRAVITY:** 0.984

**% NON-VOLATILE BY WEIGHT:** 1.6%

**VAPOR PRESSURE:** n/av

**VAPOR DENSITY:** n/av

**10. REACTIVITY**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Does not occur.

**INCOMPATIBILITIES:** Strong oxidizers such as peroxides.

**DECOMPOSITION PRODUCTS:** When burned: CO<sub>2</sub>, CO, and 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:** Can cause irritation

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATIONS**

**RCRA HAZARDOUS WASTE:** Is not a RCRA hazardous waste.

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

14. **TRANSPORT INFORMATION**

**DOT INFORMATION:** Not regulated as a hazardous material.

**PROPER SHIPPING NAME:** None

**TECHNICAL SHIPPING NAME:** None

**HAZARD CLASS:** None

**UN NUMBER:** None (Canada) None

**PRODUCT RQ (lbs):** None

**LABEL:** Non Bulk None  
Bulk None

**PLACARD:** Non Bulk None  
Bulk None

**FREIGHT CLASS BULK:** n/ap

**FREIGHT CLASS PACKAGE:** None

**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>
Isopropanol	67-63-0	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

CA = Material known to the state of California to cause cancer and/or birth defects. (California Proposition 65).

**16. OTHER INFORMATION**

**HMIS CLASSIFICATION**

Health 1

Flammability 2

Reactivity 0

PPI B

**NFPA RATING**

Health 1

Fire 2

Reactivity 0

Special None

**REASON FOR ISSUE**

Three Year Up-date

**PREPARED BY**

James P. Heidel

**TITLE**

Technical Director, R&D

**APPROVAL DATE**

September 1, 2013

**SUPERCEDES DATE**

September 1, 2010

**REVISION NUMBER**

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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.