



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

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME      **TURTLE WAX CLEARVUE PROFESSIONAL GLASS CLEANER**

PRODUCT CODE      **T-420B(C)**

CHEMICAL FAMILY    Glass Cleaner

CHEMICAL NAME      Mixture: 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>
Acetone (2-Propanone)	67-64-1	3-5%
Propylene Glycol Methyl Ether (Glycol Ether PM)	107-98-2	1-2%
Isopropyl Alcohol (Isopropanol)	67-63-0	1-2%
Ethylene Glycol Mono Butyl Ether (2 Butoxyethanol)	111-76-2	1-2%

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

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CARCINOGEN (OSHA, NPT, IARC)</u>
Acetone (2-Propanone)	750 ppm	750 ppm	No
Propylene Glycol Methyl Ether (Glycol Ether PM)	100 ppm	100 ppm	No
Isopropyl Alcohol (Isopropanol)	400 ppm	400 ppm	No
Ethylene Glycol Mono Butyl Ether (2 Butoxyethanol)	25 ppm	25 ppm	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:** Causes digestive system upsets, dizziness, nausea, and may cause chemical pneumonia, which may be fatal, if sucked 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. Do not induce vomiting. Get prompt medical attention. Aspiration into lungs can cause chemical pneumonitis which may be fatal.

5. **FIRE FIGHTING MEASURES**

**FLASH POINT:** (Seta Cl. Cup): 84°F (29°C) Explosive Limits: Lower: n/av Upper: n/av

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

**SPECIAL FIRE FIGHTING PROCEDURES:** Treat as flammable liquid / vapor fire. Keep un-ignited containers cool with water. Vapors are heavier than air, may collect in low areas, and may travel to distant source of ignition and flash back. Avoid flow of molten liquid into sewers. See section 8 for personal protection.

6. **ACCIDENTIAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURES:** Remove all ignition sources and use spark proof equipment. Provide good ventilation. Take up spills and put in closed containers. Avoid flow of molten material so sewers. Floors may be slippery. See section 8 for personal protection.

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. Do not store above 120°F (49°C).

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:** thin liquid

**COLOR:** water white

**ODOR:** typical alcohol

**BOILING POINT:** n/av

**MELT / FREEZE POINT** n/av

**PH:** 9.4

**SOLUBILITY IN WATER:** completely soluble

**% NON-VOLATILE BY WEIGHT:** <0.5%

**SPECIFIC GRAVITY:** 0.984

**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, 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 classified as a RCRA Hazardous Waste – D001 Ignitable

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

14. **TRANSPORT INFORMATION**

**DOT INFORMATION:** ORM-D

**PROPER SHIPPING NAME:** Consumer Commodity

**TECHNICAL SHIPPING NAME:** Automotive specialty cleaner

**HAZARD CLASS:** 3 Flammable Liquid

**UN NUMBER:** None (Canada) 1993

**PRODUCT RQ (lbs):** n/ap

**LABEL:** Non Bulk ORM-D  
Bulk 3 Flammable Liquid Organic n.o.s. (Acetone)

**PLACARD:** Non Bulk None  
Bulk 3 Flammable Liquid Organic n.o.s. (Acetone)

**FREIGHT CLASS BULK:** PG-II

**FREIGHT CLASS PACKAGE:** PG-II

**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	Yes
Reactive	No
Sudden Release of Pressure	No

**SECTION 313**

<b><u>CHEMICAL NAME</u></b>	<b><u>CAS NUMBER</u></b>	<b><u>CONCENTRATION</u></b>
Propylene Glycon Methyl Ether	107-98-2	1-2%
Ethylene Glycol Mono Butyl Ether	111-76-2	1-2%
Isopropanol	67-63-0	1-2%

**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 1

Flammability 3

Reactivity 0

PPI B

**NFPA RATING**

Health 1

Fire 3

Reactivity 0

Special None

**REASON FOR ISSUE**

Revised to ANSI format

**PREPARED BY**

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**TITLE**

Technical Director, R&D

**APPROVAL DATE**

September 11, 2007

**SUPERCEDES DATE**

May 8, 2007

**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 oneself as to the suitability and completeness of such information for their own particular use.