



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

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME **TURTLE WAX ULTIMATE BUG & TAR REMOVER**
PRODUCT CODE **T-520(C)**
CHEMICAL FAMILY Bug & Tar Remover
CHEMICAL NAME Mixture: waxes, solvent, 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 %)
Petroleum Disillates (Stoddard Solvent)	8052-41-3	20-25%
Petroleum Distillates (Hydrotreated Light Distillate Solvent)	64742-47-8	7-10%
Methyl Alcohol (Methanol)	67-56-1	1-3%
Ethylene Glycol Mono 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>
Petroleum Distillates (Stoddard Solvent)	100 ppm	100 ppm	No
Petroleum Distillates (Hydrotreated Light Distillate Solvent)	100 ppm	100 ppm	No
Methyl Alcohol (Methanol)	200 ppm	200 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): 110°F (43°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. **ACCIDENTAL 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: creamy thin liquid

COLOR: Light Beige to off white

ODOR: typical solvent

BOILING POINT: n/av

MELT / FREEZE POINT n/av

PH: n/ap

SOLUBILITY IN WATER: Insoluable

% NON-VOLATILE BY WEIGHT: 3.5%

SPECIFIC GRAVITY: 0.899

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: 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 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.

PLACARD: Non Bulk None
Bulk 3 Flammable Liquid Organic n.o.s.

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	Yes
Reactive	No
Sudden Release of Pressure	No

SECTION 313

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Ethylene Glycol Mono Butyl Ether	111-76-2	1-3%
Methanol	67-56-1	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

None

CONCENTRATION

STATE CODE

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, 2010

SUPERCEDES DATE

September 11, 2007

REVISION NUMBER

A - 2

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.