



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

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT CODE **T-463(C)**

CHEMICAL FAMILY Wheel and Tire Cleaners

CHEMICAL NAME Mixture: co-solvents, surfactants, 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

COMPONENT	CAS NUMBER	CONCENTRATION (wt %)
Diethylene Glycol Mono Butyl Ether (2-Butoxy Ethanol)	112-34-5	1-3%
Potassium Hydroxide (Caustic Potash)	1310-58-3	0.1-.05%
Sodium Meta Silicate (Metso 20)	6834-92-0	3-5%

EXPOSURE LIMITS 8 hrs. TWA(ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CARCINOGEN (OSHA, NPT, IARC)</u>
Diethylene Glycol Mono Butyl Ether (2-Butoxy Ethanol)	35 ppm	35 ppm	No
Potassium Hydroxide (Caustic Potash)	2mg/M ³ (Ceiling)	2mg/M ³ (Ceiling)	No
Sodium Meta Silicate (Metso 20)	n/ap	n/ap	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): >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: Take up large spills and put into closed container. Flush small spills (less than 1 gallon) 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. 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: Dark Green

ODOR: fruity tropical

BOILING POINT: n/av

MELT / FREEZE POINT n/av

PH: 13.0

SOLUBILITY IN WATER: completely soluble

% NON-VOLATILE BY WEIGHT: 15.0

SPECIFIC GRAVITY: 1.034

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 – D002 Corrosive

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: Automotive specialty cleaner

HAZARD CLASS: None

UN NUMBER: None (Canada) None

PRODUCT RQ (lbs): n/ap

LABEL: Non Bulk None

Bulk None

PLACARD: Non Bulk None

Bulk None

FREIGHT CLASS BULK: n/ap

FREIGHT CLASS PACKAGE: n/ap

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

CHEMICAL NAME **CAS NUMBER** **CONCENTRATION**

Ethylene Glycol MonoButyl Ether 112-34-5 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.

<u>COMPONENT/ CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>STATE CODE</u>
None		

16. OTHER INFORMATION

HMIS CLASSIFICATION	Health	3
	Flammability	1
	Reactivity	0
	PPI	B
NFPA RATING	Health	3
	Fire	1
	Reactivity	0
	Special	None
REASON FOR ISSUE	Updated per date requirement	
PREPARED BY	James P. Heidel	
TITLE	Technical Director, R&D	
APPROVAL DATE	September 21, 2011	
SUPERCEDES DATE	July 14, 2010	
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.