



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

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME **TURTLE WAX 2 IN 1 HEADLIGHT CLEANER & SEALANT**

PRODUCT CODE **T-043(C)**

CHEMICAL FAMILY Polishes and Cleaners

CHEMICAL NAME Mixture: solvent, water, polishing agents, 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 Distillates (Hydrotreated Light Distillate Solvent)	64742-47-8	5-8%
Petroleum Oil (White Oil)	8042-47-5	3-5%
Ethyl Alcohol (Ethanol)	64-17-5	<0.2%
N-Methyl-2-Pyrrolidone (2-Pyrrolidone – NMP)	872-50-4	<0.2%

EXPOSURE LIMITS 8 hrs. TWA(ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CARCINOGEN (OSHA, NPT, IARC)</u>
Petroleum Distillates (Hydrotreated Light Distillate Solvent)	100ppm	100ppm	No
Petroleum Oil (White Oil)	n/av	n/av	No
Ethyl Alcohol (Ethanol)	1000 ppm	1000 ppm	No
N-Methyl-2-Pyrrolidone (2-Pyrrolidone – NMP)	None Listed	None Listed	No*

*No increase in tumors were found by inhalation or feeding among rats. Increase in liver tumors were found in mice but this is not a clear indicator of carcinogenicity in humans.

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 into 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: Viscous Creamy Liquid

COLOR: Off White to Beige

ODOR: Typical Solvent

BOILING POINT: n/av

MELT / FREEZE POINT n/av

PH: 9.0

SOLUBILITY IN WATER: Dispersible

% NON-VOLATILE BY WEIGHT: 19.5%

SPECIFIC GRAVITY: 1.085

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 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

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

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
N-Methyl-2-Pyrrolidone	872-50-4	<0.2%

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

N-Methyl-2-Pyrrolidone

CONCENTRATION

<0.2%

STATE CODE

**Massachusetts, New Jersey
Pennsylvania**

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

16. OTHER INFORMATION

HMIS CLASSIFICATION

Health 1

Flammability 1

Reactivity 0

PPI A

NFPA RATING

Health 1

Fire 1

Reactivity 0

Special None

REASON FOR ISSUE

New Product Launch

PREPARED BY

James P. Heidel

TITLE

Technical Director, R&D

APPROVAL DATE

July 11, 2012

SUPERCEDES DATE

New

REVISION NUMBER

A - 0

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.