SAFETY DATA SHEET

1. Product and Company Identification

1.1 Product Identifier
Product Name: Turtle Wax 1 Step Wax & Dry
Product Code (SKU): T9 (50420), T9C (50436)

1.2 Relevant Identified Uses Of The Substance
Product Use: Automotive Wax, Polish, Sealant & Glaze – Instant Detailer

1.3 Details of the Supplier of the SDS
Company Name: Turtle Wax, Inc.
Street Address: 2250 W. Pinehurst Blvd., Suite 150
City, State, Zip Code: Addison, IL 60101

1.4 Emergency Telephone Numbers
Phone Number: 1(630)455-3700
Fax Number: 1(630)455-3868
Transportation: 1(800)424-9300 (CHEMTREC)
Medical Assistance: Call your local Poison Control Center

2. Hazard Identification:

2.1 Classification of the Substance or Mixture
Hazard Classification: not classified

2.2 Label Elements
Pictogram: not required
Signal Word: none
Hazard Statement: none
Precautionary Statement: none

2.3 Other Hazards
Description of additional HNOC: none

3. Information on Ingredients:

3.1 Substance
not applicable

3.2 Mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>Concentration (wt%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt;90%</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>.05 – 1.5%</td>
</tr>
<tr>
<td>Polydimethyl Siloxanes</td>
<td>63148-62-9</td>
<td>.05 – 1.5%</td>
</tr>
</tbody>
</table>
4. **First Aid Measures:**

4.1 **Description of First Aid Measures**

**Inhalation:** Remove to fresh air and promote deep breathing. Get medical attention if effects persist.

**Skin:** In case of skin contact, wash thoroughly with soap and water. If irritation persists, get medical attention.

**Eyes:** In case of eye contact, immediately flush eyes with plenty of water. Remove contact lenses if worn. If irritation persists, get medical attention.

**Ingestion:** If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Give water to drink if conscious. Get medical attention if effects persist.

4.2 **Most important symptoms and effects – acute and chronic**

**Inhalation:** May cause respiratory tract irritation.

**Skin:** May cause skin irritation. May cause drying, cracking, or mild dermatitis.

**Eyes:** May cause temporary eye irritation.

**Ingestion:** May cause stomach distress, nausea, and vomiting.

4.3 **Indication of any immediate medical attention and special treatment**

Symptoms may not appear immediately. Seek medical attention if effects persist and you feel unwell.

5. **Fire Fighting Measures:**

5.1 **Extinguishing media**

Water spray, carbon dioxide, dry chemical, and alcohol foam

5.2 **Special hazards arising from the substance or mixture**

CO₂, CO, and hydrocarbons

5.3 **Advice for Fire Fighters**

Keep up wind of fire. Wear full firefighting turn out gear (full bunker gear) and respiratory protection (SCBA). See Section 8 for personal protection.

6. **Accidental Release Measures:**

6.1 **Personal precautions, protective equipment, and emergency procedures**

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 **Methods and materials for containment and clean up**
For containment: Contain and absorb spill with inert material. Place in suitable container for disposal. Spilled material may be slippery.

For clean up: Take up material and place in a suitable container. Provide adequate ventilation. Spilled material may be slippery.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not swallow. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

7.2 Conditions for safe storage including incompatibilities

Keep out of reach of children. Keep container tightly closed. Store in a well ventilated place. Do not store above 49°C (120°F).

7.3 Specific end uses

Shelf Life: Shelf life is considered to be 7 – 10 years when properly stored and kept closed.

8. Exposure Control/Personal Protection:

8.1 Control parameters

<table>
<thead>
<tr>
<th>Exposure Limits 8 hr TWA:</th>
<th>(OSHA PEL)</th>
<th>(ACGIH TWA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>980 mg/m3</td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td>400 ppm</td>
<td>400 ppm (STEL)</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Use adequate ventilation to keep exposure below recommended limits. Ensure that eye wash station and safety shower are close to work station.

Hand Protection Equipment: Wear chemical resistant gloves and clothing to prevent skin contact.

Eye Protection Equipment: Wear safety glasses or splash goggles to prevent eye contact.

Skin and Body Protection: Wear suitable protective clothing.

Respiration/Ventilation Protection Requirements: Provide good ventilation.

Ingestion Protection Requirements: Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

9. Physical And Chemical Properties:

9.1 Information of basic chemical and physical properties

<table>
<thead>
<tr>
<th>Physical Form:</th>
<th>Thin translucent liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Beige opaque</td>
</tr>
<tr>
<td>Odor:</td>
<td>coconut pear</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>not available</td>
</tr>
<tr>
<td>pH:</td>
<td>5.0</td>
</tr>
<tr>
<td>Melting Point/Freeze Point:</td>
<td>0°C (32°F) – Based on Water</td>
</tr>
<tr>
<td>Initial Boiling Point:</td>
<td>100°C (212°F) – Based on Water</td>
</tr>
</tbody>
</table>
Flash Point (Seta Closed Cup): >93°C (200°F)
Flammability Limits: Explosive Limits: Upper: not available Lower: not available
Evaporation Rate: not available
Flammability Solid/Gas: not applicable
Vapor Pressure: not available
Vapor Density: not available
Specific Gravity: 0.985
Solubility in Water: Dispersible
Auto Ignition Temperature: not available
Partition coefficient (n/octonol/water): not available
Viscosity: Water thin

9.2 Other information

%NVM by Weight: 2.0%
%VOC Content (California): 1.5%

10. Stability and Reactivity:

10.1 Reactivity
Does not react under normal conditions

10.2 Chemical stability
Stable

10.3 Possibility of hazardous reactions
Does not react under normal conditions

10.4 Conditions to avoid
Heat and incompatible materials

10.5 Incompatible materials
Strong oxidizers such as bleach and peroxides

10.6 Hazardous decomposition products
CO₂, CO and hydrocarbons

11. Toxicological Information:

11.1 Information on Toxicological effects

Turtle Wax 1 Step Wax & Dry
LD₅₀ – Oral Rat >2000 mg/Kg
LD₅₀ – Dermal Rabbit >2000 mg/Kg
LC₅₀ – Inhalation Rat >20 mg/L (4 hr)

Isopropyl alcohol (67-63-0)
LD₅₀ – Oral Rat 4396 mg/Kg
LD₅₀ – Dermal Rabbit 12800 mg/Kg
LD₅₀ – Dermal Rat 12870 mg/Kg
LC₅₀ – Inhalation Rat 72.6 mg/L(4hr)

Skin corrosion/irritation Based on available data, classification data are not met
Serious eye damage/irritation Based on available data, classification data are not met
Respiratory or skin sensitization Based on available data, classification data are not met
Germ cell mutagenicity  Based on available data, classification data are not met
Carcinogenicity  Based on available data, classification data are not met
Isopropyl alcohol (67-63-0)  IARC Group 3
Reproductive toxicity  Based on available data, classification data are not met
Specific target organs – single exposure  Based on available data, classification data are not met
Specific target organs – repeated exposure  Based on available data, classification data are not met
Aspiration hazard  Based on available data, classification data are not met
Symptoms/injuries after inhalation  May cause respiratory tract irritation
Symptoms/injuries after skin contact  May cause skin irritation. May cause drying, cracking, or mild dermatitis.
Symptoms/injuries after eye contact  May cause temporary eye irritation. Symptoms may include discomfort, excess tearing and discomfort.
Symptoms/injuries after ingestion  May cause stomach distress, nausea, and vomiting.

12. Ecological Information:

12.1 Toxicity
Not recommended for release into aquatic systems without treatment

12.2 Persistence and degradability
Not established

12.3 Bioaccumulative potential
Not established

12.4 Mobility in soil
Not established

12.5 Other adverse effects
None known

13. Disposal Considerations:

13.1 Waste treatment methods
RCRA Hazardous Waste:  Not regulated as a hazardous waste
Waste Disposal Method:  Dispose of in accordance with local, state and federal regulations
Waste Disposal Vessel:  Plastic or metal drums.

14. Transportation Information:

14.1 UN number
None - not regulated as a hazardous material

14.2 UN Proper shipping name
14.3 Transport Hazard class
Not applicable

14.4 Packaging group
Not applicable

14.5 Marine Pollutant
No

14.6 Transportation in Bulk
Not applicable

14.7 Special precautions
None

15. Regulatory Information:

15.1 US Federal Regulations

TSCA Status: All ingredients are commercially available and listed by the manufacturer under TSCA.

15.2 Foreign Regulations

Canadian Status: All materials contained in this product are listed on the Canadian Domestic Substance List (DSL). Consult Turtle Wax, Inc. regarding status of ingredients.

European Union: All materials contained in this product are listed on EINECS.

AICS: All materials are registered for AICS (Australia)

15.3 State Regulations

State Regulatory Information:

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements, contact the appropriate agency in your state.

California Prop 65:

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Concentration</th>
<th>State Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

15.4 HMIS & NFPA Classifications

<table>
<thead>
<tr>
<th>HMIS Classification</th>
<th>Concentration</th>
<th>State Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Flammability</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NFPA Classification</th>
<th>Concentration</th>
<th>State Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
Flammability 1
Reactivity 0

16. Other Information:

Reason For Issue Address Update
Prepared By James Heidel
Preparer’s Title Technical Director, R&D
SDS Administrator Jean Mayszak - Technical Compliance Manager, R&D
Approval Date January 26, 2017
Supersedes Date November 18, 2014
Revision Number A – 5

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