



TURTLE WAX, INC.
2250 W. Pinehurst Blvd., STE 150
Addison, IL 60101

SAFETY DATA SHEET

1. Product and Company Identification

1.1 Product Identifier

Product Name: Turtle Wax Alkaline All Wheel & Tire Cleaner
Product Code (SKU): T18 (50161), T18C (50162)

1.2 Relevant Identified Uses Of The Substance

Product Use: Wheel & Tire Cleaner

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: Corrosion to metals 1
Causes skin irritation 2
Causes serious eye irritation 2A

2.2 Label Elements



Pictogram:

Signal Word: Danger

Hazard Statement: May be corrosive to metal. Causes severe skin burns.
Causes serious eye damage.

Precautionary Statement: Keep only in original container. Do not breathe dust or mist. Wash hands thoroughly after handling. Wear protective gloves / clothing / eye protection / face protection. Absorb spillage to prevent material damage. If swallowed, rinse mouth. Do not induce vomiting. Immediately call a poison centre or doctor. If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with plenty of water / shower. Wash contaminated clothing before re-use. Immediately call a poison centre / doctor. If inhales:

Remove person to fresh air and keep comfortable for breathing. Immediately call poison centre / doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately contact poison centre / doctor. Store in a corrosive resistant container with a resistant inner liner. Store locked up. Dispose of contents and container in accordance with all local, state, and federal regulations.

2.3 Other Hazards

Description of additional HNOC: none

3. Information on Ingredients:

3.1 Substance

not applicable

3.2 Mixture

<u>Component</u>	<u>CAS Number</u>	<u>Concentration (wt%)</u>
Water	7732-18-5	>80%
Alcohol Ethoxylates	68439-46-3	1-5%
Butoxydiglycol	112-34-5	1-5%
Cocamidopropyl Betaine	61789-40-0	1-5%
Sodium Metasilicate	6834-92-0	1-5%
Potassium Hydroxide	1310-58-3	0.1-1.0%

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. Remove contaminated clothing and foot wear. Launder before re-use. If irritation persists, get medical attention.

Eyes: In case of eye contact, immediately flush eyes with plenty of water for 15 minutes. 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. Rinse mouth thoroughly. Get medical attention if effects persist.

4.2 Most important symptoms and effects – acute and chronic

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: Cause irritation to skin. Symptoms may include redness, pain, dermatitis, and blisters.

Eyes: Cause serious eye irritation. Symptoms may include discomfort and pain, excess tearing and blinking, with marked redness and swelling of the conjunctiva.

Ingestion: May be harmful if swallowed. 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.

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 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

Exposure Limits **8 hr TWA:**
Alcohol Ethoxylates (68439-46-3)
Butoxydiglycol (112-34-5)

(OSHA PEL)
not available
35 ppm

(ACGIH TWA)
not available
35 ppm

Cocamidopropyl Betaine (61789-40-0)	not available	not available
Sodium Metasilicate (6834-92-0)	not available	not available
Potassium Hydroxide (1310-58-3)	2.0 mg/m ³	2.0 mg/m ³

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

Physical Form:	thin liquid
Color:	light straw
Odor:	acid
Odor Threshold:	not available
pH:	13.5
Melting Point/Freeze Point:	0°C (32°F) – Based on Water
Initial Boiling Point:	100°C (212°F) – Based on Water
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:	1.031
Solubility in Water:	dispersible
Auto Ignition Temperature:	not available
Partition coefficient (n/octonol/water):	not available
Viscosity:	very thin (water like)

9. 2 Other information

%NVM by Weight:	10.5%
%VOC Content (California):	0.0%

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 Toxicological Effects

Turtle Wax Alkaline All Wheel & Tire Cleaner

LD50 – Oral Rat	>2000 mg/Kg
LD50 – Dermal Rat	>2000 mg/Kg
LC50 – Inhalation Rat	>20 mg/L (4 hr)

Alcohol Ethoxylates (68439-46-3)

LD50 – Oral Rat	>1350 mg/Kg
LD50 – Dermal Rat	>2000 mg/Kg

Cocamidopropyl Betaine (61789-40-0)

LD50 – Oral Rat	4900 mg/Kg
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Butoxydiglycol (112-34-5)

LD50 – Oral Rat	5660 mg/Kg
LD50 – Dermal Rabbit	4000 mg/Kg

Sodium Metasilicate (6834-92-0)

LD50 – Oral Rat	>500 mg/Kg
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Potassium Hydroxide (1310-58-3)

LD50 – Oral Rat	273 mg/Kg
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Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
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
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 be harmful if inhaled. May cause respiratory tract irritation.

Symptoms/injuries after skin contact	Cause irritation of skin. Symptoms may include redness, pain and blisters.
Symptoms/injuries after eye contact	Cause serious eye irritation. Symptoms may include discomfort or pain, excess tearing and blinking, with marked redness, and swelling of the conjunctiva.
Symptoms/injuries after ingestion	May be harmful if swallowed. 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:

Waste Disposal Method:

Waste Disposal Vessel:

Regulated as a hazardous waste – D002 Corrosive
Dispose of in accordance with local, state and federal regulations
Plastic drums.

14. Transportation Information:

14.1 UN number

UN3266

14.2 UN Proper shipping name

Corrosive liquid, basic, inorganic, n.o.s.

14.3 Transport Hazard class

8

14.4 Packaging group

III

14.5 Marine Pollutant

No

14.6 Transportation in Bulk

Not applicable

14.7 Special precautions

May be corrosive to metal.

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:

<u>CAS Number</u>	<u>Concentration</u>	<u>State Code</u>
None		

15.4 HMIS & NFPA Classifications

HMIS Classification:	Health	2
	Flammability	1
	Reactivity	0
NFPA Classification:	Health	2
	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 27, 2017
Supersedes Date	June 24, 2016

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.