TURTLE WAX, INC.
625 WILLOWBROOK CTR PKWY
WILLOWBROOK, IL 60527

SAFETY DATA SHEET

1. Product and Company Identification

1.1 Product Identifier

Product Name:	Turtle Wax Oxy Interior 1 Multi-Purpose Cleaner & Stain Remover
Product Code (SKU):	T440R2W (50288)

1.2 Relevant Identified Uses Of The Substance

Product Use:	Carpet & Upholstery Cleaner (Aerosol)

1.3 Details of the Supplier of the SDS

Company Name:	Turtle Wax, Inc.
Street Address:	625 Willowbrook Centre Parkway
City, State, Zip Code:	Willowbrook, Illinois 60527

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:
Gas Under Pressure – Liquified Gas
Acute Toxic 4 (Inhalation)
Skin Irritation 2
Eye Irritation 2B

2.2 Label Elements

Pictogram:

Signal Word: Warning

Hazard Statement: Contains gas under pressure; May explode if heated. Harmful if inhaled. Causes skin and eye irritation.

Precautionary Statement: Keep away from heat, sparks, hot surfaces or open flames. Do not smoke or spray near open flame or source of ignition. Pressurized container: Do not puncture or incinerate. Avoid breathing fumes, gas, or vapors. Use in well ventilated area. Wash hands thoroughly after use. Remove contaminated clothing and launder before re-use. If in eyes, rinse thoroughly with water for 15 minutes.

Remove contact lenses if possible. If eye or skin irritation persists, seek medical attention. Do not store in direct sunlight or at temperatures above 50°C (122°F). Store in a well ventilated place.

2.3 Other Hazards

Description of additional HNOC: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

3. Information on Ingredients:

3.1 Substance not applicable

3.2 Mixture

Component	CAS Number	Concentration (wt%)
Water	7732-18-5	>85%
Propane	74-98-6	1 – 3%
Isobutane	75-28-5	1 – 3%
Diethylene Glycol Monobutyl Ether	112-34-5	1-3%
Sodium Lauroyl Sarcosinate	137-16-6	0.1 – 1.0%
Lauryl Amine Oxide	1643-20-5	0.5 – 1.5%

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. Symptoms may include excess blinking and tearing.
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 un-well.

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

CO_2, 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. 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. Aerosol products have been known to last much longer in storage.

8. Exposure Control/Personal Protection:

8.1 Control parameters

Exposure Limits 8 hr TWA:	(OSHA PEL)	(ACGIH TWA)
Propane	1000 ppm	1000 ppm
Isobutane	not available	1000 ppm
Sodium Lauroyl Sarcosinate	not applicable	not applicable
Laurylamineoxide	not applicable	not applicable
Diethylene Glycol Monobutyl Ether	35 ppm	35 ppm
Sodium Lauryl Sulfate	not applicable	not applicable

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:	Gas/Pressurized Liquid
Color:	Clear Thin Liquid (Dispensed as white foam)
Odor:	fresh floral scent
Odor Threshold:	not available
pH:	9.8 (liquid phase)
Melting Point/Freeze Point:	0°C (32°F) – Based on Water (liquid phase)
Initial Boiling Point:	100°C (212°F) – Based on Water (liquid phase)
Flash Point (Seta Closed Cup):	not available
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:	0.998 (liquid phase)
Solubility in Water:	Soluble
Auto Ignition Temperature:	not available
Partition coefficient (n/octonol/water):	not available
Viscosity:	Water Thin (liquid phase)

9. 2 Other information

% NVM by Weight:	0.8% (liquid phase)
% VOC Content (California):	4.0%

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
CO_2, CO and hydrocarbons

11. Toxicological Information:

11.1 Information on Toxicological effects

Turtle Wax Oxy Interior 1 Multi-Purpose Cleaner & Stain Remover

LD50 – Oral Rat	>2000 mg/Kg
LD50 – Dermal Rabbit	>2000 mg/Kg
LC50 – Inhalation Rat	>3.81 mg/L (4 hr)

Isobutane (75-28-5)

LD50 – Inhalation Rat	658 mg/L (4hr)

Propane (76-98-6)

LD50 – Inhalation Rat	658 mg/L(4hr)

Sodium Lauroyl Sarcosinate (137-16-6)

LD50 – Oral Rat	>5000 mg/Kg
LC50 – Inhalation Rat	0.05-0.5 mg/L (4 hr)

Laurylamineoxide (1643-20-5)

LD50 – Oral Rat	2700 mg/Kg

Diethylene Glycol Monobutyl Ether (151-21-3)

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

Skin corrosion/irritation	Can cause mild skin irritation
Serious eye damage/irritation	Can cause mild 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	Harmful if inhaled. May cause respiratory tract irritation. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
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 blinking, and tearing.
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:	Regulated as a hazardous waste (D-001 Ignitable).
Waste Disposal Method:	Dispose of in accordance with local, state and federal regulations
Waste Disposal Vessel:	Metal drums are recommended. Dispose of un-used aerosol cans through a registered aerosol recycler.

14. Transportation Information:

14.1 UN number
1950

14.2 UN Proper shipping name
Aerosol - Nonflammable

14.3 Transport Hazard class
2.2 Nonflammable Gas

14.4 Packaging group
Not applicable

14.5 Marine Pollutant
No

14.6 Transportation in Bulk
Not applicable

14.7 Special precautions
NFPA (34b) Level 1 Aerosol

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:

CAS Number	Concentration	State Code
None		

15.4 HIMS & NFPA Classifications

HIMS Classification:	Health	2
	Flammability	2
	Reactivity	0
NFPA Classification:	Health	2
	Flammability	2
	Reactivity	0

16. Other Information:

Reason For Issue	Conversion to OSHA GHS SDS Format
Prepared By	James Heidel
Preparer's Title	Technical Director, R&D
SDS Administrator	Jean Mayszak - Technical Compliance Manager, R&D
Approval Date	March 2, 2015
Supersedes Date	September 1, 2013
Revision Number	A – 5

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 suitableness and completeness of such information for their own particular use.