



**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 Brands – Chaos & Cuddles  
Enzymatic Stain & Odor Remover (Aerosol)  
Product Code (SKU): 50922, 50966

#### **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: 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: Gas Under Pressure – Liquefied 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

<u>Component</u>	<u>CAS Number</u>	<u>Concentration (wt%)</u>
Water	7732-18-5	>85%
Propane	74-98-6	1 - 3%
Isobutane	75-28-5	1 - 3%
Octylphenol Polyethoxyethanol	9036-19-5	0.01-1.0%
Lauryl Amine Oxide	1643-20-5	0.1 – 0.75%

## 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 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

CO<sub>2</sub>, 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

<u>Exposure Limits</u> <u>8 hr TWA:</u>	<u>(OSHA PEL)</u>	<u>(ACGIH TWA)</u>
Propane	1000 ppm	1000 ppm
Isobutane	not available	1000 ppm
Octylphenol Polyethoxyethanol	not applicable	not applicable
Laurylamineoxide	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

<b>Physical Form:</b>	Gas/Pressurized Liquid
<b>Color:</b>	Clear Thin Liquid (Dispensed as white foam)
<b>Odor:</b>	Fresh scent
<b>Odor Threshold:</b>	not available
<b>pH:</b>	9.9 (liquid phase)
<b>Melting Point/Freeze Point:</b>	0°C (32°F) – Based on Water (liquid phase)
<b>Initial Boiling Point:</b>	100°C (212°F) – Based on Water (liquid phase)
<b>Flash Point (Seta Closed Cup):</b>	not available
<b>Flammability Limits:</b>	<b>Explosive Limits:</b> <b>Upper:</b> not available <b>Lower:</b> not available
<b>Evaporation Rate:</b>	not available
<b>Flammability Solid/Gas:</b>	not applicable
<b>Vapor Pressure:</b>	not available
<b>Vapor Density:</b>	not available
<b>Specific Gravity:</b>	0.998 (liquid phase)
<b>Solubility in Water:</b>	Soluble
<b>Auto Ignition Temperature:</b>	not available
<b>Partition coefficient (n/octonol/water):</b>	not available
<b>Viscosity:</b>	Water Thin (liquid phase)

### 9.2 Other information

<b>% NVM by Weight:</b>	1.25% (liquid phase)
<b>% VOC Content (California):</b>	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<sub>2</sub>, CO and hydrocarbons

## 11. Toxicological Information:

### 11.1 Information on Toxicological effects

#### Chaos & Cuddles Enzymatic Stain & Odor Remover (Aerosol)

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)

#### Octylphenol Polyethoxyethanol (9036-19-5)

LD50 – Oral Rat 1,900-5,000 mg/Kg (External SDS)  
LD50 – Rabbit >3000 mg/Kg (External SDS)

#### Laurylamineoxide (1643-20-5)

LD50 – Oral Rat 2700 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

Can be shipped as Limited Quantity (ORM-D)

### **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	2
	Reactivity	0
NFPA Classification:	Health	2
	Flammability	2
	Reactivity	0

### 16. Other Information:

<b>Reason For Issue</b>	New Product
<b>Prepared By</b>	Joseph Whitman
<b>Preparer's Title</b>	Senior Chemist/Regulatory Specialist, R&D
<b>SDS Administrator</b>	Jean Mayszak – Regulatory Compliance Manager
<b>Approval Date</b>	April 16, 2018
<b>Supersedes Date</b>	N/A
<b>Revision Number</b>	A – 0

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