



**TURTLE WAX, INC.**  
**2250 W. PINEHURST BLVD., SUITE 150**  
**ADDISON, IL 60101**

## **SAFETY DATA SHEET**

### **1. Product and Company Identification**

#### **1.1 Product Identifier**

Product Name: Turtle Wax Odor-X Whole Car Blast - Interior Fogger  
Product Code (SKU): 50653-IF is part of Odor-X Kit (Not for individual sale)

#### **1.2 Relevant Identified Uses Of The Substance**

Product Use: Odor Remover / Eliminator (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, Illinois 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: Flammable aerosol 2  
Gas under Pressure – Compressed Gas  
Eye Irritant 2A  
Simple Asphyxiant  
STOT – Single exposure 3 central nervous system

#### **2.2 Label Elements**



Pictogram:

Signal Word: Warning

Hazard Statement: Flammable Aerosol. Contains gas under pressure. May explode if heated. Causes serious eye irritation. May displace oxygen and cause rapid suffocation. May cause drowsiness and dizziness.

Precautionary Statement: Keep away from heat/ sparks/ open flames/ hot surfaces. Do not smoke. Contains gas under pressure. May explode if heated. Eliminate all ignition source if safe to do so. Do not puncture or incinerate. Do not store in direct sunlight or at temperatures above 50°C (122°F). Store in a well ventilated place. Avoid breathing fumes and mist.

### 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>
1, 1-Difluoroethane – 152a	75-37-6	>80%
Isopropyl Alcohol	67-63-0	7-13%
Fragrance	Proprietary	3-5%

### 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. Avoid breathing fumes and mist.

**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. Get medical attention if effects persist.

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

**Inhalation:** May cause respiratory tract irritation. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

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

**Eyes:** May cause temporary eye irritation. Symptoms may include pain, excess blinking and tearing, redness, and swelling.

**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

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

Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all source of ignition. Evacuate personnel to safe areas. Vapors can accumulate in low areas. Use personal protection recommended in Section 8.

### 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. Use appropriate Personal Protective Equipment (PPE).

**For clean up:** Take up material and place in a suitable container. Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Provide adequate ventilation. Prevent spills from entering drains and sewers.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

Keep away from source of ignition. Do not smoke. 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. Do not spray near flame of open ignition source. Use out doors with good ventilation.

### 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). Do not store near heat source or in direct sun light.

### 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>
1, 1-Difluoroethane – 152a		1000 ppm	1000 ppm
Isopropyl Alcohol		400 ppm	400 ppm
Fragrance		n/av	n/av

### 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 pale straw (Dispensed as wet mist)
<b>Odor:</b>	New car
<b>Odor Threshold:</b>	not available
<b>pH:</b>	not applicable (oil based)
<b>Melting Point/Freeze Point:</b>	not available
<b>Initial Boiling Point:</b>	not available
<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>	40 psi @ 70°F – 80 psi @ 130°F
<b>Vapor Density:</b>	not available
<b>Specific Gravity:</b>	0.899 (liquid phase)
<b>Solubility in Water:</b>	Insoluble
<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>	5.5%
<b>% VOC Content (California):</b>	9.0%

## 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

#### Turtle Wax Odor-X Whole Car Blast - Interior Fogger (Aerosol)

LD50 – Oral Rat	>2000 mg/Kg
LD50 – Dermal Rabbit	>2000 mg/Kg
LC50 – Inhalation Rat	>5.0 mg/L (4 hr)

1, 1-Difluoroethane – 152a - (75-37-6)

LC50 – Inhalation Rat >437,500 ppm (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	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	May cause drowsiness or dizziness
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. 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 pain, excess blinking and tearing, redness, and swelling.
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 – Flammable  
Consumer Commodity

##### 14.3 Transport Hazard class

2.1 Flammable 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:**

None

##### **Other State Reporting:**

<u>CAS Number</u>	<u>Concentration</u>	<u>State Code</u>
2-Propanol	7-13%	Massachusetts
2-Propanol	7-13%	Pennsylvania
2-Propanol	7-13%	New Jersey

#### 15.4 HMIS & NFPA Classifications

HMIS Classification:	Health	1
	Flammability	4
	Reactivity	0
NFPA Classification:	Health	1
	Flammability	4
	Reactivity	0

#### 16. Other Information:

<b>Reason For Issue</b>	New Product Launch / Update Company Address - Minor
<b>Prepared By</b>	James Heidel
<b>Preparer's Title</b>	Technical Director, R&D
<b>SDS Administrator</b>	Jean Mayszak - Technical Compliance Manager, R&D
<b>Approval Date</b>	October 18, 2016
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