



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

SAFETY DATA SHEET

Product and Company Identification

Product Identifier

Product Name:

Chaos & Cuddles Pet Mess Starter Kit
Chaos & Cuddles Stain & Odor Remover
Chaos & Cuddles Smudges & Slobber Glass Cleaner
Chaos & Coddles Dog Gone Fresh Odor Eliminator

Product Code (SKU):

50970, 50930, 50924, 50927, 50929



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 Brands – Chaos & Cuddles
Enzymatic Stain & Odor Remover (Spray)

Product Code (SKU): 50923 (32 oz.), 50924 (12 oz.), 50925 (3 oz.)

1.2 Relevant Identified Uses Of The Substance

Product Use: General Purpose Cleaner (Non-Aerosol Spray)

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: Not regulated as a hazardous material by the 2012 OSHA
Hazardous Communication Standard (29CFR 1900.1200).

2.2 Label Elements

Pictogram: not required

Signal Word: none

Hazard Statement: none

Precautionary Statement: none

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2.3 Other Hazards

Description of additional HNOC: none

3. Information on Ingredients:

3.1 Substance not applicable

3.2 Mixture Component

Water

CAS Number

7732-18-5

Concentration (wt%)

>95%

Octylphenol Polyethoxyethanol
Lauryl Amine Oxide

9036-19-5
1643-20-5

0.01-1.0%
0.01-0.5%

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 and 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

<u>Exposure Limits</u> <u>8 hr TWA:</u>	<u>(OSHA PEL)</u>	<u>(ACGIH TWA)</u>
Octylphenol Polyethoxyethanol	not applicable	not applicable
Lauryl Amine Oxide	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:	Thin liquid
Color:	Translucent opaque
Odor:	Fresh
Odor Threshold:	not available
pH:	9.9
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:	1.002
Solubility in Water:	Dispersible
Auto Ignition Temperature:	not available
Partition Coefficient (n/octanol/water):	not available
Viscosity:	Water thin

9.2 Other information

% NVM by Weight:	1.25%
% VOC Content (California):	<0.5%

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

Chaos & Cuddles Enzymatic Stain & Odor Remover (Spray)

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

Octylphenol Polyethoxyethanol (9036-19-5)

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

Lauryl Amine Oxide (1643-20-5)

LD50 – Oral Rat	2700 mg/Kg
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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
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	

Aspiration hazard	Based on available data, classification data are not met
Symptoms/injuries after inhalation	Based on available data, classification data are not met
Symptoms/injuries after skin contact	May cause respiratory tract irritation
Symptoms/injuries after eye contact	May cause skin irritation. May cause drying, cracking, or mild dermatitis.
Symptoms/injuries after ingestion	May cause temporary eye irritation. Symptoms may include discomfort, excessive blinking, and tearing.
	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:

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

None

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:

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

15.4 HMIS & NFPA Classifications

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

16. Other Information:

Reason For Issue	New Product
Prepared By	Joseph Whitman
Preparer's Title	Senior Chemist/Regulatory Specialist, R&D
SDS Administrator	Jean Mayszak – Regulatory Compliance Manager

Approval Date	April 16, 2018
Supersedes Date	N/A
Revision Number	A – 0

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.



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
Smudges & Slobber Glass & Surface Cleaner

Product Code (SKU): 50926 (23 oz.), 50927 (12 oz.)

1.2 Relevant Identified Uses Of The Substance

Product Use: Glass Cleaner/General Purpose Cleaner (Non-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: Not regulated as a hazardous material by the 2012 OSHA Hazardous Communication Standard (29CFR 1900.1200)

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

<u>Component</u>	<u>CAS Number</u>	<u>Concentration (wt%)</u>
Water	7732-18-5	>85%

Isopropyl Alcohol	67-63-0	0.1-1.0%
Sodium Lauryl Sulfate	151-21-3	0.1-1.0%
Diethylene Glycol Monobutyl Ether	112-34-5	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. 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 and 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

<u>Exposure Limits</u> <u>8 hr TWA:</u>	<u>(OSHA PEL)</u>	<u>(ACGIH TWA)</u>
Water	not applicable	not applicable
Isopropyl Alcohol	400 ppm	200 ppm
Diethylene Glycol Monobutyl Ether	35 ppm	10 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:	Thin liquid
Color:	Translucent opaque
Odor:	Fruity

Odor Threshold:	not available
pH:	3.4
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:	0.995
Solubility in Water:	Dispersible
Auto Ignition Temperature:	not available
Partition Coefficient (n/octanol/water):	not available
Viscosity:	Water thin

9.2 Other information

% NVM by Weight:	not available
% VOC Content (California):	0.5%

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

Chaos & Cuddles Smudges & Slobber Glass & Surface Cleaner

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

Isopropyl Alcohol (67-63-0)

LD50 – Oral Rat	4396 mg/Kg
LD50 – Dermal Rat	12800 mg/Kg
LC50 – Inhalation Rat	72.6 mg/L (4 hr)

Diethylene Glycol Monobutyl Ether (112-34-5)

LD50 – Oral Rat	4396 mg/Kg
LD50 – Dermal Rat	12,800 mg/Kg
LC50 – Inhalation	72.6 mg/L (4 hr)

Sodium Lauryl Sulfate (151-21-3)

LD50 – Oral Rat	1200 mg/Kg
LD50 – Dermal Rat	>2000 mg/Kg

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, excessive 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: 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

None

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:

CAS Number

None

Concentration

State Code

Other State Reporting:

<u>CAS Number</u>	<u>Concentration</u>	<u>State Code</u>
2-Propanol	0.1-1.0%	Massachusetts
2-Propanol	0.1-1.0%	Pennsylvania
2-Propanol	0.1-1.0%	New Jersey

15.4 HMIS & NFPA Classifications

HMIS Classification:	Health	1
	Flammability	1
	Reactivity	0

NFPA Classification:	Health	1
	Flammability	1
	Reactivity	0

16. Other Information:

Reason For Issue	New Product - Updated
Prepared By	Joseph Whitman
Preparer's Title	Senior Chemist/Regulatory Specialist, R&D
SDS Administrator	Jean Mayszak – Regulatory Compliance Manager
Approval Date	May 7, 2018
Supersedes Date	April 16, 2018
Revision Number	A – 1

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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
Dog Gone Fresh Odor Eliminator (Spray)
Product Code (SKU): 50928 (23 fl. oz.), 50929 (2 fl. oz.)

1.2 Relevant Identified Uses Of The Substance

Product Use: Air Freshener (Non-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 Liquid 3 (Flammable liquid and vapor)
Eye Irritation 2A
STOT – single exposure 3 (central nervous system)

2.2 Label Elements

Pictogram:



Signal Word:

Hazard Statement:

Precautionary Statement:

Warning

Flammable liquid and vapor. Causes serious eye irritation. May cause mild skin irritation. May cause drowsiness and dizziness. Keep away from heat/ spark/ open flame/ hot surfaces. No Smoking. Keep container tightly closed. Wear protective gloves, clothing and eye protection to prevent contact. Wash thoroughly after handling. If in eyes, rinse cautiously with water for several minutes. Remove

contact lenses if present and easy to do. Store in a cool well ventilated place. Avoid breathing fumes or mist.

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	>85%
Isopropyl Alcohol	67-63-0	2-7%
Fragrance	Proprietary	0.5–2.5%

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 unless directed to do so by medical personnel. 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 serious 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 promptly 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. Use personal protective equipment (PPE).

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 reuse.

7.2 Conditions for safe storage including incompatibilities

Keep out of reach of children. Keep container tightly closed. Store in a well ventilated place. Keep from freezing and 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

<u>Exposure Limits</u>	<u>8 hr TWA:</u>	<u>(OSHA PEL)</u>	<u>(ACGIH TWA)</u>
Isopropyl Alcohol		980 mg/m ³ 400 ppm	200 ppm 400 ppm (STEL)

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:	Clear, light yellow to amber
Odor:	Fresh/Floral
Odor Threshold:	not available
pH:	9.0
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):	47.8°C (118°F)
Flammability 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:	0.987
Solubility in Water:	soluble
Auto Ignition Temperature:	not available
Partition coefficient (n/octonol/water):	not available
Viscosity:	water thin

9.2 Other information

% NVM by Weight:	1.0%
% VOC Content (California):	5.0%

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 on Toxicological effects

Chaos & Cuddles Dog Gone Fresh Odor Eliminator (Spray)

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
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
Isopropyl alcohol (67-63-0)	IARC Group 3
Reproductive toxicity	Based on available data, classification data are not met
Specific target organs – single exposure	Causes drowsiness and 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
Symptoms/injuries after skin contact	May cause skin irritation. May cause drying, cracking, or mild dermatitis.
Symptoms/injuries after eye contact	May cause serious eye irritation.
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:	Regulated as a RCRA Hazardous waste – D001 ignitable
Waste Disposal Method:	Dispose of in accordance with local, state and federal regulations
Waste Disposal Vessel:	Metal drums

14. **Transportation Information:**

14.1 **UN number**

UN1993

14.2 **UN Proper Shipping name**

Flammable liquid N.O.S. (Isopropanol)

14.3 **Transport Hazard class**

3

14.4 **Packaging group**

III

14.5 **Marine Pollutant**

No

14.6 **Transportation in Bulk**

Not applicable

14.7 **Special precautions**

NFPA 30 (III-A) Combustible Liquid
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		

Other State Reporting:

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

15.4 HMIS & NFPA Classifications

HMIS Classification:	Health	1
	Flammability	2
	Reactivity	0
NFPA Classification:	Health	1
	Flammability	2
	Reactivity	0

16. Other Information:

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

Revision Number

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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.