



Hybrid Solutions 3-in-1 Detailer

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
US GHS SDS

Date of Issue: 11/11/2020

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Hybrid Solutions 3-in-1 Detailer

Product Code: 53413, 53419, 53431

1.2. Intended Use of the Product

 Automotive Wax, Polish, Sealant, Glaze - Instant Detailer

1.3. Name, Address, and Telephone of the Responsible Party

Manufacturer

Turtle Wax, Inc.

2250 W. Pinehurst Blvd., Suite 150

Addison, IL 60101-6103

Phone Number: 1(630)455-3700

Toll-Free Number: 1(800)887-8539

1.4. Emergency Telephone Number

Emergency Number

: CHEMTREC

Within USA and Canada: 1-800-424-9300 or +1-703-527-3887 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Not classified

2.2. Label Elements

GHS-US Labeling

No labelling applicable according to 29 CFR 1910.1200.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

| Name | Synonyms | Product Identifier | % | GHS US classification |
|------------------------------|--|--------------------|---------------|---|
| Isopropyl alcohol | Isopropanol / 2-Hydroxypropane / 2-Propyl alcohol / 2-Propanol | (CAS-No.) 67-63-0 | 1.34 – 1.73 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336 |
| 2-Butoxyethanol | Butoxyethanol / 2-Butoxy-1-ethanol / Ethanol, 2-butoxy- / Ethylene glycol monobutyl ether | (CAS-No.) 111-76-2 | 0.014 – 0.068 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |
| Octamethylcyclotetrasiloxane | Cyclotetrasiloxane / Cyclotetrasiloxane, octamethyl- / Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-octamethyl- / | (CAS-No.) 556-67-2 | <0.001 | Flam. Liq. 3, H226 Repr. 2, H361 Aquatic Chronic 4, H413 |

Full text of H-phrases: see section 16

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SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Hydrocarbons. Silicon oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s) Wax, Polish, Sealant, Glaze - Instant Detailer

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

| Isopropyl alcohol (67-63-0) | | |
|---|---------------------------------------|---|
| USA ACGIH | ACGIH TWA (ppm) | 200 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 400 ppm |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA ACGIH | Biological Exposure Indices (BEI) | 40 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift at end of workweek (background, nonspecific) |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 980 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) [ppm] | 400 ppm |
| USA NIOSH | NIOSH REL (STEL) (mg/m ³) | 1225 mg/m ³ |
| USA NIOSH | NIOSH REL (STEL) [ppm] | 500 ppm |
| USA IDLH | US IDLH (ppm) | 2000 ppm (10% LEL) |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 980 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 400 ppm |
| 2-Butoxyethanol (111-76-2) | | |
| USA ACGIH | ACGIH TWA (ppm) | 20 ppm |
| USA ACGIH | ACGIH chemical category | Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| USA ACGIH | Biological Exposure Indices (BEI) | 200 mg/g Kreatinin Parameter: Butoxyacetic acid with hydrolysis - Medium: urine - Sampling time: end of shift |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 24 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) [ppm] | 5 ppm |
| USA IDLH | US IDLH (ppm) | 700 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 240 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 50 ppm |
| USA OSHA | Limit value category (OSHA) | prevent or reduce skin absorption |
| Octamethylcyclotetrasiloxane (556-67-2) | | |
| USA AIHA | WEEL TWA [ppm] | 10 ppm |

8.2. Exposure Controls

Appropriate Engineering Controls

: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing

: Chemically resistant materials and fabrics.

Hand Protection

: Wear protective gloves.

Eye and Face Protection

: Chemical safety goggles.

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|---------------------------------|--|
| Skin and Body Protection | : Wear suitable protective clothing. |
| Respiratory Protection | : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection. |
| Other Information | : When using, do not eat, drink or smoke. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

| | |
|---|--------------------------------|
| Physical State | : Liquid |
| Appearance | : Translucent/Hazy White |
| Odor | : Fruity |
| Odor Threshold | : No data available |
| pH | : 4.50 |
| Evaporation Rate | : No data available |
| Melting Point | : No data available |
| Freezing Point | : No data available |
| Boiling Point | : No data available |
| Flash Point | : >93 °C Closed Cup (199.4 °F) |
| Auto-ignition Temperature | : No data available |
| Decomposition Temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapor Pressure | : No data available |
| Relative Vapor Density at 20°C | : No data available |
| Relative Density | : No data available |
| Specific Gravity | : 0.995 |
| Solubility | : No data available |
| Partition Coefficient: N-Octanol/Water | : No data available |
| Viscosity | : No data available |
| Viscosity, Dynamic | : Water Thin |
| %Voc | : 1.75 |
| %Nvm | : 2.0 |

9.2. Other Information

| | |
|---------------------------------|----------|
| VOC content (California) | : 1.75 % |
| % NVM by Weight | : 2 % |

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition may produce : Carbon oxides (CO, CO₂). Hydrocarbons. Silicon oxides. Acrid smoke and irritating fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified

| | |
|------------------------------------|--|
| Isopropyl alcohol (67-63-0) | |
| LD50 Dermal Rabbit | 12956 mg/kg (16.4 mL/kg bw) |
| LC50 Inhalation Rat | 72600 mg/m ³ (Exposure time: 4 h) |
| 2-Butoxyethanol (111-76-2) | |
| LD50 Oral Rat | 470 mg/kg |

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| | |
|--|--|
| LD50 Dermal Rabbit | 435 mg/kg |
| LC50 Inhalation Rat | 2.2 mg/l/4h |
| LC50 Inhalation Rat | 486 ppm/4h |
| Octamethylcyclotetrasiloxane (556-67-2) | |
| LD50 Oral Rat | > 4800 mg/kg (No mortality) |
| LD50 Dermal Rat | > 2375 mg/kg |
| LD50 Dermal Rabbit | > 2.5 ml/kg (No mortality) |
| LC50 Inhalation Rat | 36 g/m ³ (Exposure time: 4 h) |

Skin Corrosion/Irritation: Not classified

pH: 4.50

Serious Eye Damage/Irritation: Not classified

pH: 4.50

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified.

| | |
|------------------------------------|---|
| Isopropyl alcohol (67-63-0) | |
| IARC group | 3 |
| 2-Butoxyethanol (111-76-2) | |
| IARC group | 3 |

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not classified.

| | |
|--|---|
| Isopropyl alcohol (67-63-0) | |
| LC50 Fish 1 | 9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 13299 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| EC50 Other Aquatic Organisms 1 | 1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus) |
| LC50 Fish 2 | 11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Other Aquatic Organisms 2 | 1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus) |
| 2-Butoxyethanol (111-76-2) | |
| LC50 Fish 1 | 1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 1 | 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 Fish 2 | 2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus) |
| Octamethylcyclotetrasiloxane (556-67-2) | |
| LC50 Fish 1 | > 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio) |
| LC50 Fish 2 | > 1000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus) |

12.2. Persistence and Degradability

| | |
|---|------------------|
| Hybrid Solutions 3-in-1 Detailer | |
| Persistence and Degradability | Not established. |

12.3. Bioaccumulative Potential

| | |
|---|------------------|
| Hybrid Solutions 3-in-1 Detailer | |
| Bioaccumulative Potential | Not established. |
| Isopropyl alcohol (67-63-0) | |

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|---|-----------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.05 (at 25 °C) |
| 2-Butoxyethanol (111-76-2) | |
| Partition coefficient n-octanol/water (Log Pow) | 0.81 (at 25 °C) |
| Octamethylcyclotetrasiloxane (556-67-2) | |
| BCF Fish 1 | 12400 |
| Partition coefficient n-octanol/water (Log Pow) | 5.1 |

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

All components in this mixture are listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, have been exempted, are not listed, not disclosed due to CBI requirements or disclosure rules according to the relevant regulation.

| | |
|---|--|
| Isopropyl alcohol (67-63-0) | |
| Subject to reporting requirements of United States SARA Section 313 | |
| SARA Section 313 - Emission Reporting | 1 % (only if manufactured by the strong acid process, no supplier notification) |
| Octamethylcyclotetrasiloxane (556-67-2) | |
| EPA TSCA Regulatory Flag | T - T - indicates a substance that is the subject of a final TSCA section 4 test rule. |

15.2. US State Regulations

| | |
|---|--|
| Isopropyl alcohol (67-63-0) | |
| U.S. - Massachusetts - Right To Know List | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | |
| U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List | |
| U.S. - Pennsylvania - RTK (Right to Know) List | |
| 2-Butoxyethanol (111-76-2) | |
| U.S. - Massachusetts - Right To Know List | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | |
| U.S. - Pennsylvania - RTK (Right to Know) List | |

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 11/11/2020

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:

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| | |
|----------------------------------|--|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal) Category 3 |
| Acute Tox. 3 (Inhalation:vapour) | Acute toxicity (inhalation:vapor) Category 3 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Chronic 4 | Hazardous to the aquatic environment - Chronic Hazard Category 4 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Flam. Liq. 2 | Flammable liquids Category 2 |
| Flam. Liq. 3 | Flammable liquids Category 3 |
| Flam. Liq. 4 | Flammable liquids Category 4 |
| Repr. 2 | Reproductive toxicity Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H225 | Highly flammable liquid and vapor |
| H226 | Flammable liquid and vapor |
| H227 | Combustible liquid |
| H302 | Harmful if swallowed |
| H311 | Toxic in contact with skin |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H331 | Toxic if inhaled |
| H336 | May cause drowsiness or dizziness |
| H361 | Suspected of damaging fertility or the unborn child |
| H413 | May cause long lasting harmful effects to aquatic life |

NFPA Health Hazard

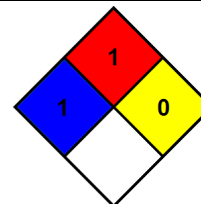
: 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA Fire Hazard

: 1 - Materials that must be preheated before ignition can occur.

NFPA Reactivity Hazard

: 0 - Material that in themselves are normally stable, even under fire conditions.



HMIS III Rating

Health : 1 Slight Hazard
Flammability : 1 Slight Hazard
Physical : 0 Minimal Hazard

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SDS US (GHS HazCom)