

True Brand AC Refresh

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 09/12/2024 Date of issue: 09/12/2024

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: True Brand AC Refresh

Product Part #: CP625

1.2. Intended Use of the Product

Use of the substance/mixture: Automotive

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

Company

Solid Start, INC.

2801 Saluda Rd

Lakeland, FL 33801

863-937-9297

www.solidstart.com

1.4. Emergency Telephone Number

Emergency Number : 813-248-0585 ChemTel

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

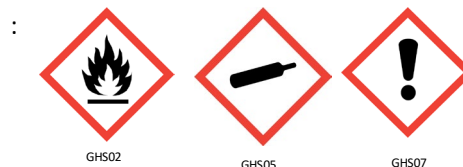
Aerosol 1	H222
Press. Gas (Liq.)	H280
Skin Irrit. 3	H316
Eye Irrit. 2A	H319
STOT SE 3	H336

Full text of H-phrases: see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

H222 - Highly flammable aerosol.
H229 - Contains gas under pressure; may explode if heated.
H280 - Contains gas under pressure; may explode if heated.
H316 - Causes mild skin irritation.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

Precautionary Statements (GHS-US)

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials.
P211 - Do not spray on an open flame or other ignition source.
P233 - Keep container tightly closed.
P251 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, and eye protection.

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P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER/doctor if you feel unwell.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P403 + P405 - Store in a well-ventilated place. Store locked up.

P410 + P403 - Protect from sunlight. Store in a well-ventilated place.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 - Dispose of contents/container to disposal recycling center. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

2.3. Other Hazards

Exposure may aggravate those with 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	Product Identifier	%	Classification (GHS-US)
2-PROPANOL	(CAS No) 67-63-0	36 - 55	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Petroleum gases, liquefied, sweetened	(CAS No) 68476-86-8	8 - 18	Flam. Liq. 2, H225 Press. Gas, H280

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret. 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: Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/If you feel unwell/If concerned: Call a POISON CENTER/doctor. Eliminate all ignition sources if safe to do so.

First-aid Measures After Skin Contact: Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use. If exposed or concerned: Get medical advice/attention.

First-aid Measures After Eye Contact: Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

First-aid Measures After Ingestion: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Causes skin irritation. Harmful if swallowed. Causes serious eye damage.

Symptoms/Injuries After Inhalation: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts.

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: Dry chemical, foam, carbon dioxide. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only. Do not direct a solid stream of water or foam into hot, burning pools this may result in frothing and increase fire intensity.

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: Combustible liquid.

Explosion Hazard: May form flammable or explosive vapor-air mixture.

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

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. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

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

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. Do not breathe vapor, mist or spray.

6.1.1. For Non-emergency Personnel

Protective Equipment: Wear liquid tight chemical protective clothing in combination with positive pressure self-contained breathing apparatus (SCBA).

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

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area. 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. Eliminate ignition sources.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

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6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

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. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools.

6.4. Reference to Other Sections

For further information refer to sections 13 and 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable.

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 breathing vapors, mist or spray. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid contact with eyes, skin and clothing. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on clothing.

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. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

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. Keep in fireproof place.

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

7.3. Specific End Use(s)

Automotive

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), NIOSH (REL), or OSHA (PEL).

2-PROPANOL (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 NIOSH	NIOSH REL (TWA) (mg/m ³)	980 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	500 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	400 ppm
Petroleum gases, liquefied, sweetened (68476-86-8)		
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

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8.2. Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

Personal Protective Equipment

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



Materials for Protective Clothing

: Chemically resistant materials and fabrics. Wear fire/flamm resistant/retardant clothing.

Hand Protection

: Wear protective gloves.

Eye Protection

: Chemical goggles or face shield.

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	: Clear
Odor	: Solvent
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: No data available
Relative Density	: 0.812
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

9.2. Other Information: No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. **Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

10.2. **Chemical Stability:** Stable under normal storage and handling conditions.

10.3. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

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- 10.4. **Conditions to Avoid:** Avoid heat, sparks, flame, high temperature and contact with incompatible materials. Dropping containers may cause bursting.
- 10.5. **Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. **Hazardous Decomposition Products:** No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Oral: Harmful if swallowed.

2-PROPANOL (CAS No) 67-63-0	
LC50 (rat)	17000 ppm (4-hour exposure); cited as 12000 ppm (8-hour exposure)
LD50 (oral, male rat)	4710 mg/kg (cited as 6.0 mL/kg)
LD50 (oral, mouse)	3600 mg/kg (20, unconfirmed)
LD50 (dermal, rabbit)	12870 mg/kg (cited as 16.4 mL/kg)
Petroleum gases, liquefied, sweetened (68476-86-8)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	3000 mg/kg
LC50 Inhalation Rat	> 5.28 mg/l/4h

Skin Corrosion/Irritation: Causes mild skin irritation.

Serious Eye Damage/Irritation: Eye contact may lead to permanent damage if not treated promptly. Liquid or vapors may irritate the eyes.

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.

Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs through prolonged or repeated exposure.

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Based on available data, the classification criteria are not met.

12.1. Persistence and Degradability

True Brand AC Refresh	
Persistence and Degradability	May cause long-term adverse effects in the environment.
2-PROPANOL (67-63-0)	
Persistence and Degradability	Readily biodegradable in water.

12.2. Bioaccumulative Potential

True Brand AC Refresh	
Bioaccumulative Potential	Not established.
2-PROPANOL (67-63-0)	
BCF fish 1	Substance is not expected to bioaccumulate.

12.3. Mobility in Soil: No additional information available

12.4. Other Adverse Effects

Other Information : Avoid release to the environment.

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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.

Additional Information: Handle empty containers with care because residual vapors are flammable.

Ecology – Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT

Proper Shipping Name : Aerosols

DOT Shipping Instructions : Ground Transportation: (Continental United States, Canada & Mexico): Limited Quantity

Hazard Class : 2.2 (Non-flammable Gas)

Identification Number : UN 1950

Label Codes : Limited Quantity

Packing Group : Not applicable (Packing groups are not assigned to Class 2 gases)

Marine Pollutant : No data available

14.1. In Accordance with IMDG

Proper Shipping Name : Aerosols

Hazard Class : 2.2

Identification Number : UN 1950

Packing Group : Not applicable (Packing groups are not assigned to Class 2 gases)

Label Codes : Limited Quantity

EmS-No. (Fire) : F-D

EmS-No. (Spillage) : S-U

Marine Pollutant : No data available

14.2. In Accordance with IATA

- Not regulated for transport

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SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

True Brand Air Vent Odor Neutralizer

SARA Section 311/312 Hazard Classes

Fire hazard
Immediate (acute) health hazard

2-PROPANOL (67-63-0)

SARA313, Canada_NPRI, DSL - Domestic Substance List, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)

Petroleum gases, liquefied, sweetened (68476-86-8)

DSL - Domestic Substance List, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)

15.2 US State Regulations

2-PROPANOL (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

Petroleum gases, liquefied, sweetened (68476-86-8)

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

WARNING: This product can expose you to chemicals including 2-METHOXYETHANOL which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

Revision Date : 09/12/2024
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:

Aerosol. 1	Aerosol, Category 1
Press. Gas (Liq.)	Pressurized Gas (Liquefied)
Eye Irrit. 2A	Eye Irritation, Category 2A
Skin Irrit. 3	Skin Irritation, Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H222	Highly flammable aerosol
H229	Contains gas under pressure; may explode if heated
H280	Contains gas under pressure; may explode if heated
H316	Causes mild skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)

True Brand Evaporator Cleaner

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 06/25/2024 Date of issue: 06/25/2024

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: True Brand Evaporator Cleaner

Product Part #: CP6019

1.2. Intended Use of the Product

Use of the substance/mixture: Automotive

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

Company

Solid Start, INC.

2801 Saluda Rd

Lakeland, FL 33801

863-937-9297

www.solidstart.com

1.4. Emergency Telephone Number

Emergency Number : 813-248-0585 ChemTel

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Aerosol Flam. 1 Gas	H222
Flam. Liq. 4	H227
Under Press. 1 Germ	H280
Acute Tox. 4 (Oral)	H302
Acute Tox. 4 (Dermal)	H312
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Acute Tox. 4 (Inhalation)	H332
Cell Mutagen. 1B	H340

Full text of H-phrases: see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

Hazard Statements (GHS-US)

Precautionary Statements (GHS-US)

: Danger

H222 - Extremely flammable aerosol.

H225 - Substance is a highly flammable liquid and vapor.

H227 - Substance is a flammable liquid, category 4.

H280 - Contains gas under pressure; may explode if heated.

H302 - Substance is harmful if swallowed.

H312 - Substance is harmful in contact with skin.

H315 - Substance causes skin irritation.

H314 - Substance causes severe skin burns and eye damage.

H318 - Substance causes serious eye damage.

H319 - Substance causes serious eye Irritation.

H332 - Substance is harmful if inhaled.

H335 - Substance may cause respiratory irritation.

H336 - Substance may cause drowsiness or dizziness.

H340 - May cause genetic defects.

H412 - Substance is harmful to aquatic life with long lasting effects.

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

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P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P280 - Wear protective gloves, protective clothing, eye protection and face protection.
P308 + P313 - IF exposed or concerned: Get medical attention.
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P403 - Store in a well-ventilated place.
P405 - Store locked up.
P501 - Dispose of contents and container in accordance with local, regional, national and international regulations.

2.3. Other Hazards

Exposure may aggravate those with 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	Product Identifier	%	Classification (GHS-US)
Petroleum gases, liquefied, sweetened	(CAS No) 68476-86-8	4 - 8	Aerosol Flam. 1 Gas, H222 Under Press. 1 Germ, H280 Cell Mutagen. 1B, H340
ETHYLENE GLYCOL MONOBUTYL ETHER	(CAS No) 111-76-2	2 - 5	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation: dust, mist), H332
Polyethylene glycol nonylphenyl ether	(CAS No) 9016-45-9	1 - 2	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Aquatic Chronic 3, H412
ISOPROPYL ALCOHOL	(CAS No) 67-63-0	0.5 - 2.5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
SODIUM METASILICATE	(CAS No) 6834-92-0	0.1 - 1.1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret.

Full text of H-phrases: see section 16

True Brand Evaporator Cleaner

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According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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 15 minutes. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

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: Causes skin irritation. May cause drowsiness and dizziness. Harmful if swallowed. Causes serious eye damage.

Symptoms/Injuries After Inhalation: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts.

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: Dry chemical powder, water fog, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective but water should be used to keep fire-exposed container cool.

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: Combustible liquid.

Explosion Hazard: May form flammable or explosive vapor-air mixture.

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

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. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

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

Other Information: Do not allow run-off from firefighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. Do not breathe vapor, mist or spray.

6.1.1. For Non-emergency Personnel

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

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

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area. 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. Eliminate ignition sources.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

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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. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools.

6.4. Reference to Other Sections

For further information refer to sections 13 and 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable.

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 breathing vapors, mist or spray. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid contact with eyes, skin and clothing. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on clothing.

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. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

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. Keep in fireproof place. Do not store above 120°F.

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

7.3. Specific End Use(s)

Automotive.

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), NIOSH (REL), or OSHA (PEL).

ETHYLENE GLYCOL MONOBUTYL ETHER (CAS No) 111-76-2		
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA ACGIH	ACGIH chemical category	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	24 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	5 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	240 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	50 ppm
ISOPROPYL ALCOHOL (CAS No) 67-63-0		
USA ACGIH	ACGIH TWA (ppm)	200 ppm
USA ACGIH	ACGIH chemical category	A4 - Not Classifiable as a Human Carcinogen
USA ACGIH	ACGIH STEL (ppm)	400 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	980 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	400 ppm
USA NIOSH	NIOSH STEL (ppm)	500 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	400 ppm
Petroleum gases, liquefied, sweetened (CAS No) 68476-86-8		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	2000 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	500 ppm

8.2. Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

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Personal Protective Equipment

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



Materials for Protective Clothing

: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

Hand Protection

: Wear protective gloves.

Eye Protection

: Chemical goggles or face shield.

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	: Cloudy white liquid
Odor	: Mint
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: > 23 °C (73 °F)
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Density	: 7.81 lb/gal
Density VOC	: 0.98 lb/gal
% VOC	: 12.51%
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

9.2. Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.
- 10.2. Chemical Stability:** The product is stable under normal storage conditions.
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** High temperatures. Direct sunlight. Dropping containers may cause bursting.
- 10.5. Incompatible Materials:** Avoid strong oxidizers, reducers, acids, and alkalis.
- 10.6. Hazardous Decomposition Products:** Hazardous decomposition products may include carbon dioxide, carbon monoxide, and other toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

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ISOPROPYL ALCOHOL (67-63-0)	
LD50 Oral Rat	17000 ppm (4-hour exposure); cited as 12000 ppm (8-hour exposure)
LD50 (oral, male rat)	>4710 mg/kg (cited as 6.0 mL/kg)
LD50 (oral, mouse)	>3600 mg/kg
LD50 Dermal Rabbit	>12870 mg/kg
ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)	
LC50 (female rat)	450 ppm (4-hour exposure)
LC50 (male rat)	486 ppm (4-hour exposure)
LD50 (oral, male weanling rat)	> 3000 mg/kg
LD50 (oral, 6-week old male rat)	2400 mg/kg
LD50 (oral, yearling male rat)	560 mg/kg
LD50 (oral, female rat)	530 mg/kg; 2500 mg/kg
LD50 (oral, male mouse)	1230 mg/kg
LD50 (oral, rabbit)	320 mg/kg
LD50 (dermal, male rabbit)	406 mg/kg (cited as 0.45 mL/kg)

Skin Corrosion/Irritation: No data available.

Serious Eye Damage/Irritation: No data available.

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Germ Cell Mutagenicity: May cause genetic defects.

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): No data available.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: No data available.

Symptoms/Injuries After Skin Contact: No data available.

Symptoms/Injuries After Eye Contact: No data available.

Symptoms/Injuries After Ingestion: No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : No data available.

12.2 Persistence and Degradability

ISOPROPYL ALCOHOL (67-63-0)	
Persistence and Degradability	Readily biodegradable
ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)	
Persistence and Degradability	Readily biodegradable.

12.3 Bioaccumulative Potential

True Brand Evaporator Cleaner	
Bioaccumulative Potential	Not established.

12.4 Mobility in Soil: No additional information available

12.5 Other Adverse Effects

Other Information : Avoid release to the environment.

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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.

Additional Information: Handle empty containers with care because residual vapors are flammable.

Ecology – Waste Materials: Avoid release to the environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT

Proper Shipping Name : Aerosols, flammable, (each not exceeding 1 L capacity)

Hazard Class : 2.1

Identification Number : UN1950

Label Codes : 3

Packing Group : N.A.

Note / Special Provision : LTD QTY

14.2. In Accordance with IMDG

Proper Shipping Name : Aerosols, flammable, (each not exceeding 1 L capacity)

Hazard Class : 2.1

Identification Number : UN1950

Label Codes : 3

Packing Group : N.A.

Note / Special Provision : LTD QTY

Proper Shipping Name : Aerosols, flammable, (each not exceeding 1 L capacity)

14.3. In Accordance with IATA

Proper Shipping Name : Aerosols, flammable, (each not exceeding 1 L capacity)

Hazard Class : 2.1

Identification Number : UN1950

Label Codes : 3

Packing Group : N.A.

Note / Special Provision : LTD QTY

Proper Shipping Name : Aerosols, flammable, (each not exceeding 1 L capacity)

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SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

True Brand Evaporator Cleaner	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard
Petroleum gases, liquefied, sweetened (68476-86-8)	
SARA312,TSCA,OSHA	
ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)	
SARA313, CERCLA,SARA312,VOC,TSCA,ACGIH,OSHA,	
Polyethylene glycol nonylphenyl ether (9016-45-9)	
SARA312,TSCA	
ISOPROPYL ALCOHOL (67-63-0)	
SARA312,VOC,TSCA,ACGIH,OSHA	
SODIUM METASILICATE (6834-92-0)	
SARA312,TSCA	

15.2 US State Regulations

Petroleum gases, liquefied, sweetened (68476-86-8)	
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	
ETHYLENE GLYCOL MONOBUTYL ETHER (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) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List	
Polyethylene glycol nonylphenyl ether (9016-45-9)	
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	
SODIUM METASILICATE (6834-92-0)	
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List	
ISOPROPYL ALCOHOL (67-63-0)	
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List	

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

Revision Date	: 06/25/2024
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:

Aerosol Flam. 1 Gas	Extremely flammable aerosol
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Under Press. 1 Germ	Contains gas under pressure; may explode if heated
Cell Mutagen. 1B	May cause genetic defect
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapor
H227	Combustible liquid
H280	Contains gas under pressure; may explode if heated
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defect
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)