

# Safety Data Sheet

## Ultra-Mini Sprayer, Ultra-Mini Sprayer Replacement Cartridge

### SECTION 1: Identification

#### 1.1. Product identifier used on the label

Trade name: Ultra-Mini Sprayer, Ultra-Mini Sprayer Replacement Cartridge

#### 1.2. Recommended use of the chemical and restrictions on use

Recommended uses: Propellants

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Company: UltraTech International  
Address: 11542 Davis Creek Ct  
Zip code: 32207  
City: Jacksonville  
State: Florida  
Country: UNITED STATES OF AMERICA  
Phone: +1-904-292-1611

#### 1.4. Emergency phone number

800-424-9300 (Chemtrec) +1-703-527-3887 for International Calls (collect calls accepted)

### SECTION 2: Hazard Identification

#### 2.1. Classification of the chemical in accordance with paragraph (d) of §1910.1200

HazCom classification: Aerosols, Category 1;H222  
Aerosols, Category 1;H229

Most serious harmful effects: Extremely flammable aerosol. Pressurized container: may burst if heated.

#### 2.2. Label elements

##### Pictograms



Signal word: Danger

##### Hazard Statements

Extremely flammable aerosol.  
Pressurized container: may burst if heated.

##### Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).

#### 2.3. Other hazards which do not result in classification

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The product does not contain any PBT or vPvB substances.  
Endocrine disrupting properties: None known.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Substance	CAS No	Concentration	Notes
Propane	74-98-6	25 - 55 %	
Butane	106-97-8	20 - 50 %	

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation:</b>	Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
<b>Skin contact:</b>	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
<b>Eye contact:</b>	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
<b>Burns:</b>	Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
<b>General:</b>	Bring the safety data sheet or label when seeking medical advice.

#### 4.2. Most important symptoms/effects, acute and delayed.

Inhalation of spray mist may cause irritation to the upper airways. May cause slight irritation to the skin and eyes.

#### 4.3. Indication of immediate medical attention and special treatment needed, if necessary.

Treat symptoms. No special immediate treatment required.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media.

<b>Suitable extinguishing media:</b>	Use water or water mist to cool non-ignited stock. Extinguish with powder, foam or water mist.
<b>Unsuitable extinguishing media:</b>	Do not use a jet of water, as it may spread the fire.

#### 5.2. Specific hazards arising from the chemical

Heating will cause a rise in pressure in packaging with a risk of bursting. CAUTION! Aerosol containers may explode. Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters.

Move containers from danger area if it can be done without risk. Avoid inhalation of vapor and smoke gases - seek fresh air.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** Stay upwind/keep distance from source. Provide good ventilation. Smoking and naked flames prohibited.

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**For emergency responders:** In addition to the above: Normal protective clothing is recommended.

### 6.2. Environmental precautions

Avoid unnecessary release to the environment.

### 6.3. Methods and material for containment and cleaning up

Wipe up drops and splashes with a cloth.

### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Smoking and naked flames prohibited.

### 7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, drugs, etc. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 122°F. Do not store with the following: Strong oxidizers/ Acids/ Metals.

### 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limit

Substance name	Time period	ppm	mg/m <sup>3</sup>	Fiber/cm <sup>3</sup>	Remarks	Notations
propane	OSHA	1000	1800			
propane	ACGIH TWA				Simple asphyxiant. Be aware of Oxygen displacement.	EX
butane	ACGIH STEL	1000				EX

EX = Explosion hazard: the substance is a flammable asphyxiant or excursions above the TLV could approach 10% of the lower explosive limit.

#### Measuring methods:

Compliance with occupational exposure limits may be checked by occupational hygiene measurements according to NIOSH/OSHA.

#### Legal basis:

ACGIH Threshold Limit Values (TLV's) and Biological Exposure Indices (BEI's), 2025. OSHA 29 CFR part 1910.1000, table Z1-Z3, Limits for Air Contaminants 2006.

### 8.2. Exposure controls

#### Appropriate engineering controls:

Work under effective process ventilation (e.g. local exhaust ventilation). Wear the personal protective equipment specified below.

**Personal protective equipment, eyeface protection:** Wear safety goggles if there is a risk of eye splash.

**Personal protective equipment, hand protection:** Plastic or rubber gloves recommended.

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**Personal protective equipment, respiratory protection:** In case of missing process ventilation: Wear respiratory protective equipment. Filter type: AX.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Parameter	Value/unit
Physical state	Aerosol
Color	Clear
Odour	Weak Solvent
Solubility	No data

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	-42.2 - -11.7 °C	-44 --10,9 °F
Flammability (solid, gas)	No data	
Upper/lower flammability limits	No data	
Explosion limits	1.8 - 18 vol%	
Flash Point	-104.4 °C	-155,9 °F
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	524 kPa	(21,1 °C / 70 °F)
Density	No data	
Relative density	0.6	
Relative vapour density	1.8	
Relative density (sat. air)	No data	
Particle characteristics	No data	

#### 9.2. Other information

Parameter	Value/unit	Remarks
Evaporation rate	>1	

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reacts with the following: Strong oxidizers/ Acids/ Metals.

#### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

#### 10.3. Possibility of hazardous reactions

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Product vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air.

### 10.4. Conditions to avoid

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Avoid heating and contact with ignition sources. Avoid direct sunlight. Avoid temperatures >122°F.

### 10.5. Incompatible materials

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Strong oxidizers/ Acids/ Metals.

### 10.6. Hazardous decomposition products

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Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

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<b>Acute toxicity - oral:</b>	Spray mist in mouth may irritate mucous membranes in mouth and throat. The product does not have to be classified. Test data are not available.
<b>Acute toxicity - dermal:</b>	The product does not have to be classified. Test data are not available.
<b>Acute toxicity - inhalation:</b>	The product does not have to be classified. Test data are not available.
<b>Skin corrosion/irritation:</b>	May cause slight irritation. The product does not have to be classified. Test data are not available.
<b>Serious eye damage/eye irritation:</b>	Temporary irritation. The product does not have to be classified. Test data are not available.
<b>Respiratory sensitization or skin sensitization:</b>	The product does not have to be classified. Test data are not available.
<b>Germ cell mutagenicity:</b>	The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available. This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>Single STOT exposure:</b>	Inhalation of spray mist may cause irritation to the upper airways. The product does not have to be classified. Test data are not available.
<b>Repeated STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Aspiration hazard:</b>	The product does not have to be classified. Test data are not available.

### 11.2. Information on other hazards

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**Endocrine disrupting properties:** None known.

**Other toxicological effects:** None known.

## SECTION 12: Ecological information

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### 12.1. Ecotoxicity

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The product does not have to be classified. Test data are not available.

### 12.2. Persistence and degradability

Potentially degradable. Test data are not available.

### 12.3. Bioaccumulative potential

No bioaccumulation expected. Test data are not available.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

None known.

### 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid unnecessary release to the environment. Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## SECTION 14: Transport information

### Land transport (49CFR)

<b>14.1. UN number:</b> <b>14.2. UN proper shipping name:</b>	UN1950 Aerosols	<b>14.4. Packing group:</b> <b>14.5. Environmental hazards:</b>	The product should not be labelled as an environmental hazard (symbol: fish and tree).
<b>14.3. Transport hazard class(es):</b> <b>Hazard label(s):</b>	2.1 2.1	<b>Other Information:</b>	UN 1950 is to be used for international ADR transportation. DOT information: UN1954, Compressed gas, flammable, n.o.s. (propane, butane), Class: 2.1, Hazard label: 2.1.

### Sea transport (IMDG)

<b>14.1. UN number:</b> <b>14.2. UN proper shipping name:</b> <b>14.3. Transport hazard class(es):</b> <b>Hazard label(s):</b>	1950 AEROSOLS 2.1 2.1	<b>14.4. Packing group:</b> <b>14.5. Environmental hazards:</b> <b>Environmental Hazardous Substance Name(s):</b>	The product is not a Marine Pollutant (MP).
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EmS: F-D, S-U      IMDG Code segregation group: - None -

### Air transport (ICAO-TI / IATA-DGR)

14.1. UN number: 1950      14.4. Packing group:  
14.2. UN proper shipping name: AEROSOLS, FLAMMABLE      14.5. Environmental hazards: The product should not be labelled as an environmental hazard (symbol: fish and tree).  
14.3. Transport hazard class(es): 2.1  
Hazard label(s): 2.1

### 14.6. Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

None.

### 14.7. Transport in bulk (according to IMO instruments)

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

Special Provisions: None known.

### 15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

## SECTION 16: Other information

### Version history and indication of changes

Version	Revision date	Responsible	Changes
2	3/26/26	UltraTech	Entire SDS Review

Abbreviations: PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative  
STOT: Specific Target Organ Toxicity

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with CFR29, §1910.1200.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Date: 3/26/26

Issued: 3/26/26

Revision date: 3/26/26

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**Replaces date:** 7/6/16

**Classification method:** Calculation based on the hazards of the known components.