



**SECTION 1: Identification**

**Product identifier:** U.N.X. Smoke Eliminator  
**Other means of identification:** Aerosol air freshener  
**SDS number:** 859  
**Recommended use:** Aerosol air freshener  
**Recommended restrictions:** Not for personal care

**Manufacturer/Importer/Supplier/Distributor information**

**Company name:** U.N.X. Incorporated  
**Address:** 707 Arlington Blvd  
Greenville, NC 27858  
**Telephone:** Office hour (Mon-Fri)  
8:00a.m. – 4:00p.m. (Eastern Time)  
OFFICE NUMBER: 252-756-8616  
**Contact Person** Jamie Singleton  
**E-mail:** unx@unxinc.com  
**Emergency phone number:** CHEMTEL (800) 255-3924 (24 HOURS)

**SECTION 2: Hazard(s) identification**

**Classification of the substance or mixture:**

**Physical hazards**

Flammable Aerosols Category 2  
Aerosols Category 2

**Health hazards**

Acute toxicity; Dermal/Oral Category 5  
Serious eye damage/eye irritation: Category 2A

**Label elements:**



**Signal word:** Warning

**Hazard statements**

H223 Flammable aerosol.  
H229 Pressurized container: may burst if heated.  
H303 May be harmful if swallowed.  
H313 May be harmful in contact with skin.  
H319 Causes serious eye irritation.

## SECTION 2: Hazard(s) identification (continue)

### Precautionary statements

#### Prevention

- 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 heat/sparks/ open flames/ hot surfaces. No smoking.  
P251 Pressurized container: Do not pierce or burn, even after use.

#### Response:

- P211 Do not spray on an open flame or other ignition source.  
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.  
P302+350 IF ON SKIN (or hair): Gently wash with soap and water.  
P304+P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P309+311 IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P341 If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### Storage:

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

#### Disposal:

- P501 Dispose of contents/container in accordance with local / regional / national / international Regulations.

**Hazard(s) not otherwise Classified (HNOC)** Not classified

## SECTION 3: Composition/information on ingredients

### Substance/Mixture

Chemical name	CAS Number	Concentration (%)
Propylene glycol	57-55-6	10-20
Propane	74-98-6	5-15
Butane	106-97-8	5-15

## SECTION 4: First-aid measures

### Description of first aid measures

**General advice:** Remove victims from the danger zone without endangering your own safety.

**Inhalation:** Bring accident victims out into the fresh air. If patient has difficulty breathing, administer oxygen, keep the patient calm and warm. In case of unconsciousness place patient stably in side position for transportation. Call a physician immediately.

#### SECTION 4: First-aid measures (continued)

**Skin contact:** Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before re-use. After contact with small amounts get medical attention if any discomfort or irritation continues. For large amounts, obtain medical attention.

**Eye contact:** Immediately flush eyes with gentle but large stream of water or eye wash solution for at least 15 minutes, lifting lower and upper eyelids occasionally. If possible remove any contact lenses and continue to wash. Call a physician, immediately.

**Ingestion:** If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. DO NOT induce vomiting, medical advice is required. Call a physician, immediately.

#### SECTION 5: Fire-fighting measures

**Suitable extinguishing media:** In case of fire use carbon dioxide (CO<sub>2</sub>), foam, extinguishing powder. In cases of larger fires, water spray should be used. Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire-exposed containers cool. If water is used, use in abundance to control heat.

**Unsuitable extinguishing media:** Do not use water jet as this can spread the fire. Do not use carbon dioxide in enclosed spaces with insufficient ventilation.

**Specific hazards arising from the chemical:** Packaging materials will be combustible and provide fuel for the fire. In the event of fire and/or explosion do not breathe fumes.

**Special protective equipment and precautions for fire-fighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. During fire-fighting respirator with independent air-supply and airtight garment is required. Fight fire in early stages if safe to do so. Containers at risk of fire should be cooled with water and, if possible removed from the danger area. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

#### SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Ventilate area of leak or spill. Ensure adequate ventilation/exhaust extraction. Put on protective equipment (see Section 8). Have emergency procedures in place for evacuating the area and informing the emergency services if necessary. Restrict access to the area until the leakage is treated, if large amounts of vapors are produced that will be hazardous to others, evacuate the area. Avoid ingestion, inhalation of vapors and contact with skin and eyes. Eliminate sources of ignition. Ruptured cylinders may rocket.

**Environment precautions:** Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination. If spillages to land cannot be treated safely or if contamination will occur the Environment Agency must be alerted immediately. If the product has entered a foul drain or sewage system in significant amounts to cause a hazard then the local water treatment company must be informed.

## SECTION 6: Accidental release measures (continued)

**Methods and materials for containment and cleaning up:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into atmosphere.

**Reference to other sections:** Refer to sections 8 and 13 for additional information.

## SECTION 7: Handling and Storage

**Precautions for safe handling:** HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN, AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

**Conditions for safe storage, including any incompatibilities:** Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120 °F as container may vent, rupture or burst. Do not puncture or incinerate container. Store in accordance with NFPA 30B for LEVEL 1 AEROSOL.

## SECTION 8: Exposure control/personal protection

**Control Parameters / Occupational exposure limits:**  
**U.S. ACGIH Threshold Limit Values**

Chemical Name	CAS-No.	Value
Propane	74-98-6	1000 ppm
Butane	106-97-8	800 ppm

**Appropriate engineering controls:**

**Ventilation System:**

A system of local and/or general exhaust is recommended to keep employee exposures below the defined exposure limit requirements or guidelines. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition for details.

**Individual protection measures, such as personal protective equipment (PPE)**

**Eye Protection:** Use chemical safety goggles and / or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

**Skin Protection:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

## SECTION 8: Exposure control/personal protection (continued)

**Hand protection:** Wear protective gloves. Butyl rubber, rubber (natural, latex), nitrile, polyvinyl chloride (PVC). Be aware that latex gloves can produce an allergic reaction in sensitive individuals. Gloves should have a breakthrough time sufficient for the amount of handling but allow dexterity for safe movement and handling. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Gloves showing signs of degradation should be changed to avoid skin contamination. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. When removing used gloves apply proper technique by avoiding skin contact with the outer surface. When packages of the product are being handled during storage or transport it is advisable to wear protective gloves to prevent damage to the skin.

**Personal Respirators (NIOSH Approved):** If the exposure limit is exceeded, a full face piece respirator with high efficiency dust/mist filter may be worn up to 50 times the exposure limit. Wear suitable respiratory protection when vapors or mists are produced if the Workplace Exposure Limit is exceeded and there is insufficient ventilation or extraction. For emergencies or instances where the exposure levels are not known, use a full face piece positive-pressure, air-supplied respirator. Respirator must be fitted with a cartridge suitable for the chemical of concern. Consult with the supplier as to the compatibility of the equipment with the chemical of concern. CAUTION: Air purifying respirators do not protect the user in oxygen deficient atmospheres, use air supplied system.

**Thermal Hazards:** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations:** Wash hands, change out of clothes as soon as possible. Wash Clothes. Shower or bathe as soon as possible.

**Other protective measures:** Have an eye bath and safety shower close by.

## SECTION 9: Physical and chemical properties

<b>Appearance:</b>	Liquid
<b>Colour:</b>	White opaque liquid
<b>Odour:</b>	Heavy floral odor
<b>Odour Threshold:</b>	No data available
<b>pH:</b>	7.8 - 8.5
<b>Melting point/range:</b>	No data available
<b>Boiling point/range:</b>	> 200 °F
<b>Flash point:</b>	-156 °F (-104.4 °C) (propellant)
<b>Evaporation rate:</b>	< 1.00
<b>Flammability (gas):</b>	Flammable
<b>Upper/lower flammability of explosive limits:</b>	No data available
<b>Vapour pressure (mm Hg):</b>	No data available
<b>Vapour density (Air=1):</b>	No data available
<b>Relative density:</b>	No data available
<b>Solubility(ies):</b>	Soluble
<b>Partition coefficient (n-octanol/water):</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity, dynamic:</b>	No data available
<b>VOC:</b>	25.8 %
<b>Other Information:</b>	This product does not contain phosphates.

## SECTION 10: Stability and reactivity

**Reactivity and/or chemical stability:** Product is stable under normal conditions.

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** Heat, sparks, open flames and temperatures above 120 °F.

**Incompatible materials:** Strong oxidizers agents.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological information

**Acute toxicity:** Toxicological testing has not been conducted with this material. The toxicology information listed below us based on the components of this material.

Category 5 – Dermal/Oral: Harmful; if swallowed/in contact with skin.

<b>Butane – ATE (Acute Toxicity Estimate)</b>
Inhalation LC <sub>50</sub> 658,000 mg/m <sup>3</sup> 4h (Rat)

<b>Propylene Glycol – ATE (Acute Toxicity Estimate)</b>	
Oral LD <sub>50</sub> 20,000 mg/kg (Rat)	Dermal LD <sub>50</sub> > 20,800 mg/kg (Rabbit)

**Skin Corrosion/ irritation:** Classification not possible.

**Serious eye damage/irritation:** Category 2B: Causes eye irritation.

**Respiratory or skin sensitization:** Classification not possible.

**Germ cell mutagenicity:** Classification not possible.

**Carcinogenicity:** Classification not possible

**Reproductive toxicity:** Classification not possible.

**Specific Target Organ Toxicity - Single Exposure:** Classification not possible.

**Specific Target Organ Toxicity - Repeated Exposure:** Classification not possible.

**Aspiration hazard:** Classification not possible.

## SECTION 12: Ecological information

**Toxicity:** Do not allow to escape into waterways, wastewater or soil. Ecotoxicological studies of the product are not available. Please find below the data available to us from raw materials:

### Aquatic ecotoxicity:

Propylene Glycol		
LC <sub>50</sub> : Daphnia magna (Water Flea) 13,020 mg/L 48h	EC <sub>50</sub> : Daphnia magna (Water flea) > 10,000 mg/L 48h	LC <sub>50</sub> : Fathead minnow (Pimephales Promelas) 52,930 mg/L 96h

**Persistence and Degradability:** No data is available on the degradability of this product.

**Bioaccumulative Potential:** No data available for this product.

**Mobility in Soil:** No data available for this product.

**Other adverse effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: Disposal considerations

### General information

Do not allow unauthorized disposal to the environment. If operators are exposed to vapors during the disposal process then suitable respiratory protection should be worn. All other personal protective equipment as described in section 8 should be worn.

### Disposal methods:

Avoid unauthorized disposal. Do not dump into any sewers, on the ground, or into any body of water. All disposal practices must be in compliance with federal, state/provincial and local laws and regulations. For a small spill, immediately hose down with cool water and dispose to drain. For a large spill, dike, collect and contact local authorities about disposal.

## SECTION 14: Transport information

**UN Number:** Not Available  
**UN Proper Shipping Name:**  
**Transport hazard class(es):**  
    **DOT Hazard Class:** Not Available  
    **DOT Subsidiary Hazard Class:** Not Available  
**Packing group, if available:** Not Available  
**Environmental Hazards:** Not Available  
**Special precautions for user:** Not DOT regulated

**Transport in bulk according to Annex II of MARPOL 73/78<sup>3</sup> and the IBC Code <sup>3</sup>:** Not applicable

## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Unless otherwise noted, no components are SARA TITLE 3 SECTION 313 40 CFR listed materials.  
The ingredients of this product are listed on the TSCA inventory.

\*Propane (74-98-6 10-15%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

\*Butane (106-97-8 10-15%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

\*Propylene glycol (57556 10-20%) HAP, PA, TSCA

#### Regulatory Key Descriptions:

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-To-Know Hazardous Substances

OSHA WAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR= TX Air Contaminants with Health Effects Screening Level

HAP = Hazardous Air Pollutants

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

No SARA Hazards

## SECTION 16: Other information including date of preparation or last revision

**Chemical State:** Liquid  
**Chemical Type:** Mixture

Issue Date: 9-1-2014  
Revision Date: -  
Version #: 01

1	Health
1	Flammability
0	Physical Hazard
B	Personal Protection

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