

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

Product Name Nuke'em

### Other means of identification

Product Code 5300

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

Recommended use Air Freshener  
Uses Advised Against For industrial and institutional use only.

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

Company Name Blue Cardinal Chemical, LLC  
3670 Scarlet Oak Blvd.  
St. Louis, MO 63122  
800-325-3312

### Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

## 2. HAZARDS IDENTIFICATION

### Classification

Flammable Aerosol	Category 1
Gases Under Pressure	Liquefied Gas
Eye Irritant	Category 2A
Specific Target Organ Toxicity (Single Exposure)	Category 3

### Label elements

### Emergency Overview

## DANGER

### Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause respiratory irritation, drowsiness or dizziness.



Appearance: Off White Spray Mist

Physical state: Liquefied Gas

Odor: Neutral Scent



### Precautionary Statements - Prevention

Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Wash hands thoroughly after handling. Wear eye protection.

**Precautionary Statements - Response**

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Avoid breathing mist, vapors and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

**Precautionary Statements - Storage**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place.

**Precautionary Statements - Disposal**

Dispose of contents and container in accordance with local, state and federal regulations.

**Hazards not otherwise classified (HNOC)**

**Other Information**

• N/A

Unknown Acute Toxicity

N/A

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Acetone	67-64-1	70-80%	*
Propane	74-98-6	20-30%	*
Fragrance	Mixture	1-5%	*
Fragrance	Mixture	1-5%	

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

**First aid measures**

**Skin Contact**

Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

**Eye Contact**

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention.

**Inhalation**

Move to fresh air. If irritation or other symptoms develop, seek medical attention.

**Ingestion**

Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists. Never give anything by mouth to an unconscious person.

**Most important symptoms and effect, both acute and delayed**

**Symptoms**

ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. Causes eye irritation including redness, tearing, and pain. Inhalation of mist or vapors may cause respiratory irritation, drowsiness or dizziness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS: Chronic inhalation can damage the central nervous system (CNS).

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**

Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Dry chemical, carbon dioxide or alcohol-resistant foam.

**Unsuitable extinguishing media:** Water jets or streams.

### Unusual fire and explosion hazards

EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Vapors heavier than air will settle in low lying areas and may travel to source of ignition and flash back. Keep away from heat, sparks, open flames and other sources of ignition.

### Hazardous combustion products

Oxides of carbon.

### Special fire fighting procedures

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers to prevent bursting.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### **Personal precautions**

Refer to section 8 for proper Personal Protective Equipment.

### Methods and material for containment and cleaning up

#### **Methods for containment & cleaning up**

Eliminate all sources of ignition. Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. Prevent spill from entering sewers, storm drains and natural waterways. Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

#### **RCRA status**

Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advice on Safe Handling**

Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Use only with adequate ventilation. Do not inhale mist or vapor. Do not use or store with strong oxidizers. Vapors may collect in low-lying areas. Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use. Store in a cool, dry area. Keep away from heat, open flames, or other sources of ignition. Wash hands after use.

#### **Incompatible Materials**

Strong oxidizing agents, strong reducing agents, some plastics.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

CHEMICAL NAME	OSHA PEL	ACGIH TLV
Acetone	1000 ppm	250 ppm
Propane	1000 ppm	1000 ppm
Fragrance	Not Established	Not Established
Fragrance	Not Established	Not Established

**Appropriate engineering controls**

**Engineering Controls**

Use only outdoors or in a well-ventilated area.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Safety glasses/goggles.

**Respiratory protection**

Not required with normal use. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

**Additional Measures**

Do not touch eyes when using this product. Wash hands thoroughly with soap and water after use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Physical State	Liquefied Gas
Appearance	Off white spray mist
Color	Off white
Odor	Neutral scent
Odor Threshold	N/D

**Property**

**Values**

pH	N/D
Melting Point/Freezing Point	N/D
Initial Boiling Point And Boiling Range	N/D
Flash Point	N/D
Evaporation Rate	> 3 (Fast)
Flammability (Solid/Gas)	Extremely Flammable Aerosol
Upper/Lower Flammability Or Explosive Limits	
Lower Flammability Limit	N/A
Upper Flammability Limit	N/A
Explosive Limit Lower(%)	N/D
Explosive Limit Upper(%)	N/D
Vapor Pressure (mm Hg)	N/D
Vapor Density (AIR=1)	N/D
Relative Density (H2O=1)	0.785 - 0.795 @ 77 °F (25 °C)
Solubility (IES)	Miscible.
Partition Coefficient	N/D
Autoignition Temperature	N/D
Decomposition Temperature	N/D
Viscosity	N/D

**10. STABILITY AND REACTIVITY**

**Reactivity**

None known.

**Chemical Stability**

Stable.

**Possibility of Hazardous Reactions**

None known

**Conditions to Avoid**

Temperatures greater than 122°F and sources of ignition. Avoid incompatible materials.

**Incompatible Materials**

Strong oxidizing agents, strong reducing agents, some plastics.

**Hazardous Decomposition Products**

None known

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure Eyes, Inhalation, Skin**

**Product Information**

<b>Skin Contact</b>	May cause irritation with prolonged or repeated contact.
<b>Eye Contact</b>	Causes irritation. May cause conjunctivitis with possible corneal injury.
<b>Inhalation</b>	May cause respiratory tract irritation, dizziness, headaches, nausea, unconsciousness, central nervous system (CNS) depression.
<b>Ingestion</b>	Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Acetone (67-64-1)	(Oral, Rat) 5800 mg/kg (Oral, Mouse) 3000 mg/kg (Oral, Rabbit) 5340 mg/kg		(Inhalation, Rat, 8h) 50100 mg/m <sup>3</sup> (Inhalation, Mouse, 4h) 44,000 mg/m <sup>3</sup>
Propane (74-98-6)			(Inhalation, Rat, 4h) 658 mg/L.

**Information on toxicological effects**

**Symptoms**

MEDICAL CONDITION AGGRAVATED: Pre-existing conditions of the central nervous system (CNS). May aggravate existing eye and respiratory conditions.

ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. Causes eye irritation including redness, tearing, and pain. Inhalation of mist or vapors may cause respiratory irritation, drowsiness or dizziness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS: Chronic inhalation can damage the central nervous system (CNS).

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity**                      **OSHA:** No                      **ACGIH:** No                      **NTP:** No                      **IARC:** No                      **OTHER:** N/A

*ACGIH (American Conference of Governmental Industrial Hygienists)*  
*A3 - Animal Carcinogen*  
*IARC (International Agency for Research on Cancer)*  
*Group 2B - Possibly Carcinogenic to Humans*  
*Group 3 -Not classifiable as a human carcinogen*  
*NTP (National Toxicology Program)*  
*Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen*  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
*X - Present*

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Acetone (67-64-1):** LC50 (*Oncorhynchus mykiss*, 96h) 5540 mg/L; EC50 (*Daphnia magna*, 48h) 6100 mg/L; EC50 (*Selenastrum quadricauda*, 8d) 7500 mg/L; EC50 (*Psuedomonas putida*, 16h) 1700 mg/L.

**Soil Mobility**

This product is mobile in soil.

**Persistence and Degradability**

This product is biodegradable.

**Bioaccumulation**

This product is not expected to bioaccumulate.

**Other Adverse Effects**

None known.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

<b>Disposal of wastes</b>	Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.
<b>RCRA status</b>	Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### 14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

**DOT**

<b>UN/ID No.</b>	UN 1950
<b>Proper Shipping Name</b>	Aerosols, Ltd. Qty.
<b>Hazard Class</b>	2.1
<b>Packing Group</b>	N/A

**AIR SHIPMENT**

<b>UN/ID No.</b>	UN 1950
<b>Proper Shipping Name</b>	Aerosols, Flammable
<b>Hazard Class</b>	2.1
<b>Packing Group</b>	N/A

**SHIPPING BY WATER: VESSEL (IMO/IMDG)**

<b>UN/ID No.</b>	UN 1950
<b>Proper Shipping Name</b>	Aerosols
<b>Hazard Class</b>	2.1
<b>Environmental Hazards Water</b>	N/A
<b>Packing Group</b>	N/A

### 15. REGULATORY INFORMATION

**International Inventories**

**TSCA** All Chemicals are listed or exempt.

**Legend:**

**TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**

**US Federal Regulations****SARA 313**

This product 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 Hazard Categories**

Flammable (gases, aerosols, liquids, solids). Gas under pressure. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure).

**CERCLA**

Acetone (67-64-1) Reportable Quantity = 5,000 pounds.

**CWA (Clean Water Act)**

Acetone (67-64-1) is a hazardous substance.

**US State Regulations**

California Proposition 65: This product does not contain chemicals regulated by California Proposition 65.

**U.S. State Right-to-Know Regulations**

Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states:

Chemical Name	CA	DE	ID	ME	MA	MN	NJ	PA	NY	RI	WA	CT	FL	IL	TN	LA
Acetone (67-64-1)	X	X	X	X	X	X	X	X		X	X					

**International Regulations**

No information available.

**Volatile Organic Compounds (VOC)**

24.4%

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards	1	Flammability	3	Reactivity	0	Other	None
<b>HMS</b>	Health hazards	1	Flammability	3	Reactivity	0	Personal protection	A

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 Revision Note

N/A = Not Applicable; N/D = Not Determined

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**