

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

Product Name Nut-Buster Plus

### Other means of identification

Product Code 5782

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

Recommended use Penetrant and Cutting Oil  
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
Liquefied Gas	

### Label elements

### Emergency Overview

## DANGER

### Hazard statements

Extremely Flammable Aerosol. Contains gas under pressure; May explode if heated.



**Appearance:** Brown to Amber Mist

**Physical state:** Liquefied Gas

**Odor:** Solvent odor



### 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. Wear safety glasses.

**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 in accordance with federal, state, and local regulations.

**Hazards not otherwise classified (HNOC)****Other Information**

• N/A

Unknown Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Propane/n-Butane	68476-86-8	20-25%	*

\*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. Seek medical attention if irritation develops.

**Eye Contact**

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.

**Inhalation**

Move to fresh air. If breathing difficulty persists, seek medical attention.

**Ingestion**

If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

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

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, respiratory irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, and diarrhea

CHRONIC HEALTH HAZARDS: None known

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Dry chemical, foam, or Carbon Dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:** Water spray/stream.

**Unusual fire and explosion hazards**

Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Flammable.

**Hazardous combustion products**

Oxides of carb

**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. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog 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** Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations. Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA status** Product should be fully characterized prior to disposal (40 CFR 261).

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Keep out of the reach of children.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

**Incompatible Materials** Strong alkalis, oxidizers, bases, reactive metals, and natural rubber

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

CHEMICAL NAME	OSHA PEL	ACGIH TLV
Propane/n-Butane	1000 ppm	1000 ppm

### 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

**Respiratory protection** Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

**Additional Measures** Wash hands thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical State** Liquefied Gas  
**Appearance** Brown to Amber Mist  
**Color** Brown to Amber  
**Odor** Solvent odor  
**Odor Threshold** N/D

<u>Property</u>	<u>Values</u>
pH	N/A
Melting Point/Freezing Point	N/D
Initial Boiling Point And Boiling Range	> 390°F
Flash Point	N/D
Evaporation Rate	N/D
Flammability (Solid/Gas)	Extremely Flammable Aerosol
Upper/Lower Flammability Or Explosive Limits	
Lower Flammability Limit	N/D
Upper Flammability Limit	N/D
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)	0.91 - 0.94 @ 77° F (25° C)
Solubility (IES)	0% in water
Partition Coefficient	n-OCTANOL/WATER (KOW): 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.

### Incompatible Materials

Strong alkalis, oxidizers, bases, reactive metals, and natural rubber

### Hazardous Decomposition Products

Oxides of carbon, various hydrocarbons

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure Eyes, Ingestion, Inhalation, Skin

#### Product Information

<b>Skin Contact</b>	May cause irritation, localized defatting. Redness and itching or burning sensation may indicate excessive exposure.
<b>Eye Contact</b>	Causes irritation, burning, redness, tearing.
<b>Inhalation</b>	May cause irritation to the respiratory tract.
<b>Ingestion</b>	May cause gastrointestinal irritation, nausea, diarrhea, vomiting. Harmful if swallowed.

### Information on toxicological effects

#### Symptoms

MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, respiratory irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, and diarrhea

CHRONIC HEALTH HAZARDS: None known



## 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

None

#### SARA 311/312 Hazard Categories

Fire Hazard

#### CERCLA

None

#### CWA (Clean Water Act)

None

### US State Regulations

This product can expose you to chemicals including Cumene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### International Regulations

All components are listed or exempted.

#### Volatile Organic Compounds (VOC)

24.83%

## 16. OTHER INFORMATION

<b>NFPA</b>	Health hazards	1	Flammability	2	Reactivity	0	Other	None
<b>HMIS</b>	Health hazards	1	Flammability	2	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**