

# Safety Data Sheet

## PREVAL SPRAY GUN POWER UNIT

Replaces date: 09/05/2025

Revision date: 11/06/2025  
Version: 2.3.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name: PREVAL SPRAY GUN POWER UNIT

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Propellants.

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

##### Supplier

Company: Nakoma Products, llc  
Address: 8455 S. 77th Avenue  
Zip code: 60455  
City: Bridgeview  
State: Illinois  
Country: UNITED STATES OF AMERICA  
Phone: 877-753-0021

#### 1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

CLP-classification: Aerosol 1;H222  
Aerosol 1;H229

Most serious harmful effects: Extremely flammable aerosol. Pressurised container: May burst if heated.

#### 2.2. Label elements

##### Pictograms



Signal word: Danger

##### Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.

##### Precautionary statements

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.  
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

#### 2.3. Other hazards

# Safety Data Sheet

## PREVAL SPRAY GUN POWER UNIT

Replaces date: 09/05/2025

Revision date: 11/06/2025  
Version: 2.3.0

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./ EC No./ UK-REACH Reg. No.	Concentration	Notes	CLP-classification
propane	74-98-6 200-827-9	25 - 55 %		Flam. Gas 1A;H220 Press. Gas liq. gas;H280
butane	106-97-8 203-448-7	20 - 50 %		Flam. Gas 1A;H220 Press. Gas liq. gas;H280

Please see section 16 for the full text of H- / EUH-phrases.

### 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>	When obtaining medical advice, show the safety data sheet or label.

#### 4.2. Most important symptoms and effects, both 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 any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

### SECTION 5: Firefighting measures

#### 5.1. 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 water stream, as it may spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

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. Advice for firefighters

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

### SECTION 6: Accidental release measures

# Safety Data Sheet

## PREVAL SPRAY GUN POWER UNIT

Replaces date: 09/05/2025

Revision date: 11/06/2025  
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### 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.

**For emergency responders:** In addition to the above: Normal protective clothing equivalent to EN 469 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, medicines, etc. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not store with the following: Strong oxidisers/ 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	Comments
butane	8h	600	1450			
butane	15m	750	1.810			
dimethyl ether	8h	400	766			
dimethyl ether	15m	500	958			

**Measuring methods:** Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** EH40/2005 Workplace exposure limits. Last amended January 2020.

### 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, eye/face protection:** Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 16321.

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

# Safety Data Sheet

## PREVAL SPRAY GUN POWER UNIT

Replaces date: 09/05/2025

Revision date: 11/06/2025  
Version: 2.3.0

**Personal protective equipment, respiratory protection:** In case of missing process ventilation: Wear respiratory protective equipment. Filter type: AX. Respiratory protection must conform to one of the following standards: EN 136/140/145.

**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
State	Aerosol
Colour	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	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	1.8 - 18 vol%	
Flash Point	-104.4 °C	
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)
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 oxidisers/ Acids/ Metals.

#### 10.2. Chemical stability

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

# Safety Data Sheet

## PREVAL SPRAY GUN POWER UNIT

Replaces date: 09/05/2025

Revision date: 11/06/2025  
Version: 2.3.0

### 10.3. Possibility of hazardous reactions

Product vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

### 10.4. Conditions to avoid

Avoid heating and contact with ignition sources. Avoid direct sunlight. Avoid temperatures >50°C.

### 10.5. Incompatible materials

Strong oxidisers/ Acids/ Metals.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<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 sensitisation or skin sensitisation:</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.
<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

**Endocrine disrupting properties:** None known.

**Other toxicological effects:** None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

# Safety Data Sheet

## PREVAL SPRAY GUN POWER UNIT

Replaces date: 09/05/2025

Revision date: 11/06/2025  
Version: 2.3.0

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. If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility.

Aerosol sprays: EWC code: 16 05 04\* gases in pressure containers (including halons) containing hazardous substances

Absorbent/cloth contaminated with the product: EWC code: 15 02 02\* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances

## SECTION 14: Transport information

### Land transport (ADR/RID)

14.1. UN number or ID number: 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2.1

Hazard label(s): 2.1

Hazard identification number:

Other Information: -

14.4. Packing group:

14.5. Environmental hazards:

The product should not be labelled as an environmental hazard (symbol: fish and tree).

Tunnel restriction code: D

### Inland water ways transport (ADN)

14.1. UN number or ID number: 1950

14.4. Packing group:

# Safety Data Sheet

## PREVAL SPRAY GUN POWER UNIT

Replaces date: 09/05/2025

Revision date: 11/06/2025  
Version: 2.3.0

<b>14.2. UN proper shipping name:</b>	AEROSOLS	<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>	2.1		
<b>Hazard label(s):</b>	2.1		
<b>Transport in tank vessels:</b>		<b>Other Information:</b>	-

### Sea transport (IMDG)

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

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

<b>14.1. UN number or ID number:</b>	1950	<b>14.4. Packing group:</b>	
<b>14.2. UN proper shipping name:</b>	AEROSOLS, FLAMMABLE	<b>14.5. Environmental hazards:</b>	-
<b>14.3. Transport hazard class(es):</b>	2.1		
<b>Hazard label(s):</b>	2.1	<b>Other Information:</b>	-

### 14.6. Special precautions for user

None.

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

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

**Special Provisions:** Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.  
The Control of Major Accident Hazards Regulations 2015, P3a FLAMMABLE AEROSOLS: Column 2: 150 (net) t, Column 3: 500 (net) t.

Covered by:  
The Health and Safety (Young Persons) Regulations 1997.

### 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
2.3.0	11/06/2025	JRO	1,16.

# Safety Data Sheet

## PREVAL SPRAY GUN POWER UNIT

Replaces date: 09/05/2025

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Version: 2.3.0

**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 Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

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

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

### Hazard statements

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H280 Contains gas under pressure, may explode if heated.

### SDS is prepared by

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