

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PREVAL

Product Code: PREVAL

MANUFACTURER'S NAME: NAKOMA PRODUCTS LLC

ADDRESS : 8455 S. 77TH AVENUE
BRIDGEVIEW, IL 60455

EMERGENCY PHONE : 815-634-5890

INFORMATION PHONE : 815-634-5890

Product Use: Portable spray power unit

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Flammable gas

1

Gas under pressure

Liquefied gas



SIGNAL WORD: Danger

Hazard Statements

Extremely flammable gas

Contains gas under pressure; may explode if heated

Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces – No smoking

Leaking gas fire – do not extinguish unless leak can be stopped safely

Eliminate all ignition sources if safe to do so

Store in a well ventilated place

Protect from sunlight. Store in a well ventilated place

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Percent |
|---------------|----------|---------|
| PROPANE | 74-98-6 | 50.70 |
| BUTANE | 106-97-8 | 49.30 |

4. FIRST AID MEASURES

INHALATION: Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

EYE CONTACT: Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

SKIN CONTACT: Treat for frostbite. Wash with soap and water. Get medical attention if irritation persists.

INGESTION: Not a likely route of exposure.

Most important symptoms/effects, acute and delayed: Repeated exposure may cause skin dryness or cracking. May cause drowsiness or dizziness.

Indication of immediate medical attention and special treatment needed: None known.

5. FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media: Foam, Alcohol foam, CO₂, Dry chemical, Water fog. Water spray may be ineffective.

Specific hazards arising from the chemical: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include smoke, carbon monoxide and other products of incomplete combustion. Oxides of nitrogen may also be formed.

Special equipment and precautions for fire-fighters: Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. Wear goggles and use self-contained breathing apparatus. If water is used, fog nozzles are preferred.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Protect against contact with liquid if present.

Methods and materials for containment and cleaning up: Clean up residue with absorbent material and place in closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

Conditions for safe storage, including any incompatibilities: Store and use in cool, dry, well-ventilated areas. Do not store above 120 F.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|-------------------------|----------------------|-----------------------|-----------------------|
| PROPANE 74-98-6 | Not established | TWA: 1000 ppm | |
| BUTANE 106-97-8 | Not established | TWA: 1000 ppm | |

Appropriate engineering controls: Ventilation should be sufficient to prevent inhalation of any vapors. General dilution and/or local exhaust ventilation in volume to keep PEL/TLV of most hazardous ingredient below acceptable limit and IEL below stated limit.

Individual protection measures:

Respiratory protection: None under normal use. Avoid breathing vapors. In restricted areas, use approved

chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Protective gloves: None under normal use. Use solvent-resistant for prolonged or repeated contact.

Eye protection: None under normal use. However, use of safety glasses with splash guards or full face shield should be used if indicated.

Other protective clothing or equipment: None under normal use. However, use of solvent-resistant aprons or other clothing is recommended. Eye washes and safety showers in the workplace are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Appearance: Pressurized product | Odor: None |
| Vapor Pressure: Not determined | Odor threshold: Not determined |
| Vapor Density: Heavier than air | pH: Not applicable |
| Density: Not determined | Melting point: Not determined |
| Freezing point: Not determined | Solubility: Not determined |
| Boiling point: Not determined | Flash point: Not determined |
| Evaporation rate: Faster than ether | Flammability: Flammable gas |
| Explosive Limits: Not applicable | Partition coefficient (n-octanol/water): Not determined |
| Autoignition temperature: Not determined | Decomposition temperature: Not determined |
| Viscosity: Not determined | |

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable under normal storage and handling conditions.

Possibility of hazardous reactions: None known.

Incompatible materials: None known.

Hazardous decomposition products: Carbon oxides

11. TOXICOLOGICAL INFORMATION

Long-term toxicological studies have not been conducted for this product.

12. ECOLOGICAL INFORMATION

Long-term ecological studies have not been conducted for this product.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of this document for hazard cautionary information.

14. TRANSPORT INFORMATION

By land: DOT Proper Shipping Name: None required per 49 CFR 173.306(i) for products that conform to the Limited

Quantity provisions.

By water: IMDG Proper Shipping Name: UN1950, Aerosols, 2.1, LTD QTY

By air: IATA Proper Shipping Name: UN1950, Aerosols, flammable, 2.1, LTD QTY (packing instruction Y203 applies)
(Cargo aircraft only)

15. REGULATORY INFORMATION

All ingredients are either listed on the TSCA inventory or are exempt.

16. OTHER INFORMATION

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Revision 3

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