Bella Tavola™
BūTank™

By Wall Lenk Corporation

SAFETY DATA SHEET

PRODUCT NAME	BuTank™ Butane Gas Cartridge

Revision No. 4 · Revised October 23, 2026 · Supersedes Revision No. 3 (May 30, 2022). A blue bar in the left margin marks revised content.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

A. PRODUCT NAME — BUTANE GAS CARTRIDGE (BuTank™)

B. RECOMMENDED USE OF PRODUCT AND LIMITATIONS

USE OF PRODUCT	For use only in portable gas appliances
LIMITATIONS	Extremely flammable

C. SUPPLIER

COMPANY	Wall Lenk Corporation
ADDRESS	1950 MLK Jr. Blvd, Kinston, NC 28501 USA
EMERGENCY PHONE NUMBER	(800) 424-9300 CHEMTREC (24 hours)

2. HAZARDS IDENTIFICATION

A. CLASSIFICATION

Aerosols : Category 1

Specific target organ toxicity - single exposure : Category 3 (narcotic effects)

Note: Classified as an aerosol per OSHA HCS 29 CFR 1910.1200, Appendix B. In accordance with the HCS, aerosols are not additionally classified as flammable gases or gases under pressure.

B. LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

SYMBOLS



SIGNAL WORD — DANGER

HAZARD STATEMENTS

H222 Extremely flammable aerosol

H229 Pressurized container: May burst if heated

H336 May cause drowsiness or dizziness

PRECAUTIONARY STATEMENTS

PREVENTION

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.

P261 Avoid breathing gas.

P271 Use only outdoors or in a well-ventilated area.

RESPONSE

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER or doctor if you feel unwell.

STORAGE

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

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 regulations.

C. OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION — Contact with rapidly expanding gas or liquid may cause frostbite.

HEALTH	FIRE	REACTIVITY

NFPA – ISOBUTANE	0	4	0
NFPA – BUTANE	1	4	0
NFPA – PROPANE	1	4	0

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	SYNONYM	CAS No.	CONTENT (wt%)
ISO-BUTANE	2-Methylpropane	75-28-5	25 ~ 35
N-BUTANE	Butane, liquefied petroleum gas	106-97-8	55 ~ 70
PROPANE	n-Propane, propyl hydride	74-98-6	4 ~ 8

4. FIRST AID MEASURES

A. EYE CONTACT	Get emergency medical treatment.
	Wash eyes with plenty of flowing water for at least 20 minutes.
B. SKIN CONTACT	In case of frostbite, flush immediately with plenty of lukewarm water. Cover contaminated skin with a blanket. Seek medical attention if ill effects or irritation develop.
C. INHALATION	Remove to fresh air. Get medical advice/attention if you feel unwell.
	If coughing or other symptoms persist, get medical treatment.
D. INGESTION	Unlikely route of exposure (gas). Prompt medical action is essential.
	Provide breathing assistance if breathing is difficult.
E. MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED	Contact with skin or eyes can cause frostbite. High vapor concentrations may cause drowsiness or dizziness.
F. INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY	In case of inhalation, consider supplying oxygen.

5. FIRE FIGHTING MEASURES

A. SUITABLE EXTINGUISHING MEDIA	Water spray or fog for surrounding area. Standard foam, alcohol-resistant foam, carbon dioxide (CO2), dry chemical.
	Dry sand or soil may be used for smothering.
B. SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	May burst or explode if exposed to heat or spark.
	Thermal decomposition may produce carbon monoxide and other toxic vapors.
	Vapors are heavier than air and may travel to a source of ignition and flash back.
	Container may explode if heated.
	Low electrical conductivity may generate static electricity; may be ignited by a spark.
	Gas/air mixtures may explode.
C. SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS	Firefighters/rescuers must wear appropriate protective equipment.
	Fight fire from a safe distance.
	Remove containers from fire area if this can be done without risk.
D. SPECIAL FIREFIGHTING PROCEDURES	Use equipment or shielding to protect personnel against bursting, rupturing or venting containers.
	Do not heat container. Store below 110 °F (43 °C) in a ventilated area.
E. UNUSUAL FIRE AND EXPLOSION HAZARDS	At elevated temperatures (over 54 °C/130 °F) the container's countermeasure release valve (CRV) will operate; rapid excess heating or fire may cause bursting or rupture.
	Extremely flammable. Do not use near fire or flame.

6. ACCIDENTAL RELEASE MEASURES

A. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	Avoid heat, flames, sparks and other sources of ignition.
	Do not touch spilled material.
	Stop leak if possible without personal risk.
	Reduce vapors with water spray.
	Keep unnecessary people away; isolate hazard area and deny entry. Ventilate closed spaces before entering.

B. ENVIRONMENTAL PRECAUTIONS	Prevent flow to sewers and public waters. Stop release.
C. METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	Stop leak if you can do it without risk.
	If a container leaks indoors, remove all possible sources of ignition and ventilate the area until all gas and vapor have dispersed.
	Dispose of damaged containers in accordance with Section 13.

7. HANDLING AND STORAGE

A. PRECAUTIONS FOR SAFE HANDLING	Read all precautionary statements before handling.
	Avoid breathing gas.
	Do not spray toward flames or ignition sources.
	Avoid contact with skin and eyes.
	Do not refill or reuse empty containers.
	Protect containers from physical damage.
	Use in a well-ventilated area.
B. CONDITIONS FOR SAFE STORAGE	Keep away from heat, sparks, open flames and hot surfaces. No smoking.
	Store locked up and out of reach of children.
	Store in a cool, well-ventilated area away from heat, sparks or fire.
	Keep away from food and drink.
	Protect from direct sunlight; store below 40 °C (104 °F).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

A. EXPOSURE LIMITS IN THE AIR OF THE WORKPLACE, BIOLOGICAL LIMIT VALUES

Iso-Butane:

OSHA TWA	No data
ACGIH TWA	800 ppm (1900 mg/m³)
NIOSH REL TWA (10 hr)	800 ppm (1900 mg/m³)

Propane:

OSHA TWA	1000 ppm (1800 mg/m³)
ACGIH TWA	2500 ppm
NIOSH REL TWA	1000 ppm (1800 mg/m³)

N-Butane:

OSHA TWA	800 ppm (1900 mg/m³)
ACGIH TWA	800 ppm
NIOSH REL TWA	800 ppm (1900 mg/m³)

B. APPROPRIATE ENGINEERING CONTROLS	Provide adequate ventilation.
	Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Ensure compliance with applicable exposure limits.
C. INDIVIDUAL PROTECTION MEASURES	
RESPIRATORY PROTECTION	Not normally required with adequate ventilation. In case of emergency or leak, use an approved respirator or self-contained breathing apparatus.
EYE PROTECTION	Gas: eye protection not required, but recommended.
	Liquid: wear splash-resistant safety goggles. Contact lenses should not be worn.
	Provide an emergency eyewash fountain and quick-drench shower in the work area.
BODY PROTECTION	Gas: protective clothing is not required.
	Liquid: wear appropriate protective, cold-insulating clothing.
HAND PROTECTION	Wear insulated gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

PROPERTIES	N-Butane	Iso-Butane	Propane
A. APPEARANCE – FORM	liquid & vapor	liquid & vapor	liquid & vapor
APPEARANCE – COLOR	colorless	colorless	colorless
B. ODOR	faint odor	faint odor	faint odor
C. ODOR THRESHOLD	No data	No data	No data

D. pH	Not applicable	Not applicable	Not applicable
E. MELTING/FREEZING POINT	-138 °C	-160 °C	-187 °C
F. INITIAL BOILING POINT AND RANGE	-1 °C	-12 °C	-42 °C
G. FLASH POINT	-60 °C (c.c.)	-88 °C	-104 °C
H. EVAPORATION RATE	No data	No data	No data
I. FLAMMABILITY (SOLID, GAS)	flammable gas	flammable gas	flammable gas
J. UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	1.8-8.4 vol%	1.8-8.4 vol%	2.2-9.5 vol%
K. VAPOR PRESSURE	1557 mmHg (20 °C)	2280 mmHg (20 °C)	5625 mmHg (20 °C)
L. SOLUBILITY	3.25 mL/100 mL (20 °C)	No data	0.007 g/100 mL (20 °C)
M. VAPOR DENSITY (air = 1)	2.10	2.59	1.55
N. RELATIVE DENSITY	0.578 (20/4 °C liquid)	0.578 (20/4 °C liquid)	0.501 (20/4 °C liquid)
O. PARTITION COEFFICIENT n-OCTANOL/WATER	log Pow 2.89	log Pow 2.80	log Pow 2.36
P. AUTO-IGNITION TEMPERATURE	287 °C	460 °C	466 °C
Q. DECOMPOSITION TEMPERATURE	No data	No data	No data
R. VISCOSITY	No data	No data	No data
S. EXPLOSIVE PROPERTIES	No data	No data	No data

10. STABILITY AND REACTIVITY

A. CHEMICAL STABILITY	Stable under normal conditions.
	May ignite on contact with hot surfaces or flame.
B. POSSIBILITY OF HAZARDOUS REACTIONS	Stable at normal temperature and pressure.
	Contact with strong oxidizers may cause ignition or explosion by violent reaction.
C. CONDITIONS TO AVOID	Avoid heat, flames, sparks and other sources of ignition. Containers may rupture if exposed to heat.
D. INCOMPATIBLE MATERIALS	Strong oxidizers such as hydrogen peroxide, nitric acid, sulfuric acid, etc.
E. HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

A. INFORMATION ON THE LIKELY ROUTES OF EXPOSURE

INHALATION	Irritation, vomiting, difficulty breathing, irregular heartbeat, headache, sleepiness, dizziness, spasm, coma.
INGESTION	Unlikely route of exposure. May cause irritation.
SKIN	Frostbite.
EYES	Frostbite.

B. DELAYED AND IMMEDIATE EFFECTS AND CHRONIC EFFECTS FROM SHORT- AND LONG-TERM EXPOSURE

ACUTE TOXICITY – ORAL	LD50 (rat): No data
ACUTE TOXICITY – DERMAL	LD50 (rabbit): No data
ACUTE TOXICITY – INHALATION	LC50 (rat): 658,000 mg/m³; LC50 (mouse): 680,000 mg/m³
SKIN CORROSION/IRRITATION	No data
SERIOUS EYE DAMAGE/IRRITATION	No data
RESPIRATORY SENSITIZATION	No data
SKIN SENSITIZATION	No data
CARCINOGENICITY	Not listed by IARC, NTP, OSHA or ACGIH.
GERM CELL MUTAGENICITY	No data
REPRODUCTIVE TOXICITY	No data
STOT – SINGLE EXPOSURE	May cause drowsiness or dizziness (narcotic effects).
STOT – REPEATED EXPOSURE	No data
ASPIRATION HAZARD	Not applicable (gas)

12. ECOLOGICAL INFORMATION

A. AQUATIC/TERRESTRIAL TOXICITY

FISH	No data
DAPHNIA	No data

ALGAE	No data
B. PERSISTENCE AND DEGRADABILITY	
PERSISTENCE	Not applicable
DEGRADABILITY	No data
C. BIOACCUMULATIVE POTENTIAL	
BIODEGRADATION	No data
BIOACCUMULATION	No data
D. MOBILITY IN SOIL	Adsorbs to soil and has low mobility.
E. OTHER ADVERSE EFFECTS	No data

13. DISPOSAL CONSIDERATIONS

A. DISPOSAL METHODS	All disposal practices must comply with applicable laws and regulations. Consult local, state and federal regulations for specific requirements.
B. PRECAUTIONS	Do not puncture or incinerate containers, even when empty. Dispose of contents and containers in accordance with applicable regional, national and local laws and regulations. Aerosols offered for recycling or disposal may be shipped under 49 CFR 173.306(k).

14. TRANSPORT INFORMATION

A. U.S. DOT (49 CFR)

UN NUMBER	UN1950
PROPER SHIPPING NAME	Aerosols, flammable
HAZARD CLASS	2.1 (Flammable gas)
PACKING GROUP	Not applicable
LIMITED QUANTITY	Eligible for shipment as a **Limited Quantity** under 49 CFR 173.306(a)(3) and (i) (metal aerosol container not exceeding 1 L capacity, inner containers packed in strong outer combination packaging, not exceeding 30 kg (66 lb) gross weight per package). Limited quantity packages must bear the limited quantity mark (49 CFR 172.315). For highway, rail and vessel transport they are excepted from shipping papers, hazard labels and placards. Air shipments must also meet 49 CFR 173.27 and bear the “Y” limited quantity mark.
REGULATORY BASIS	PHMSA final rule HM-268A, “Reducing Burdens on Domestic Aerosol Shippers” (Docket PHMSA-2025-0089; published Aug. 4, 2026; effective Sept. 3, 2026), which revised the 49 CFR 171.8 definition of “aerosol” to include non-refillable receptacles that eject their contents in a gaseous state through a self-closing release device.
EMERGENCY RESPONSE GUIDE	ERG Guide No. 126

B. IMDG CODE (SEA)

UN NUMBER / SHIPPING NAME	UN1950, AEROSOLS
CLASS / LIMITED QUANTITY	2.1 / LQ 1 L
EmS	F-D, S-U
MARINE POLLUTANT	No

C. IATA/ICAO (AIR)

UN NUMBER / SHIPPING NAME	UN1950, Aerosols, flammable
CLASS / LABEL	2.1 / Flammable gas
PACKING INSTRUCTION	Y203 (limited quantity, max. 30 kg G); PI 203 (passenger and cargo aircraft, subject to IATA quantity limits)
D. SPECIAL PRECAUTIONS FOR USER	Protect containers from temperatures above 50 °C (122 °F) and from physical damage. Secure packages against movement during transport. Limited quantity shipments remain subject to 49 CFR hazmat employee training requirements (49 CFR 172.704).

15. REGULATORY INFORMATION

A. REGULATORY INFORMATION	This Safety Data Sheet has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

B. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT

1) USA

CERCLA SECTION 103 (40 CFR 302.4)	Not regulated
SARA SECTION 302 (40 CFR 355.30)	Not regulated
SARA SECTION 304 (40 CFR 355.40)	Not regulated
SARA SECTION 313 (40 CFR 372.65)	Not regulated
SARA SECTION 311/312 HAZARD CATEGORIES	Physical: Flammable (gases, aerosols, liquids, or solids) Health: Specific target organ toxicity (single or repeated exposure)
OSHA PROCESS SAFETY (29 CFR 1910.119)	Not regulated

2) EU classification and labelling information

CLASSIFICATION	F
RISK PHRASES	R12: Extremely flammable
SAFETY PHRASES	S2: Keep out of the reach of children S9: Keep container in a well-ventilated place S16: Keep away from sources of ignition - No smoking

16. OTHER INFORMATION

A. SOURCES OF DATA	ECB-ESIS (European Chemical Substances Information System) ECOTOX Database, U.S. EPA HSDB, U.S. National Library of Medicine IUCLID Chemical Data Sheet, EC-ECB International Chemical Safety Cards (ICSC) National Emergency Management Agency (Korea) hazmat database National Chemicals Information System (Korea) Thomson Micromedex Corporate Solution The Chemical Database, University of Akron NLM ChemIDplus TOMES; TOPKAT (skin irritation) Ecological Structure Activity Relationships (ECOSAR); EPI Suite; QSAR Korea Occupational Safety & Health Agency Globally Harmonized System of Classification and Labelling of Chemicals (GHS), United Nations 49 CFR Parts 171-173 (as amended by PHMSA HM-268A, 2026)
B. DATE OF PREPARATION OF THE SDS	December 22, 2012
C. REVISION HISTORY	
NUMBER OF TIMES REVISED	No. 4
DATE OF LATEST REVISION	October 23, 2026
SUMMARY OF REVISION No. 4	Section 14: Reclassified for transport from UN2037, Receptacles, small, containing gas (gas cartridges), Class 2.1, to UN1950, Aerosols, flammable, Division 2.1, eligible for Limited Quantity shipment under 49 CFR 173.306, following PHMSA rule HM-268A. Added IMDG and IATA entries. Section 2: Hazard classification aligned with aerosol classification (Aerosols Cat. 1; H222, H229). Gas cylinder pictogram removed; signal word corrected to DANGER. Sections 13, 15: Updated disposal note, SARA 311/312 categories and regulatory basis statement. Editorial corrections throughout.
D. OTHERS	

The information contained herein is to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results obtained, and assume no responsibility for damages incurred by use of this product. It is the responsibility of the user to comply with all federal, state and local laws and regulations.

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