

Material Safety Data Sheet (MSDS)

Product description.....: **Flex Torch**

Applicant.....: **United Brands, Inc.**

Testing Laboratory.....: **SHENZHEN BANTEK TESTING Co.,Ltd.**



Material Safety Data Sheet

Applicant's name..... : United Brands, Inc.
 Applicant's address..... : 170 Associated Rd.
 S. San Francisco, CA 94080
 1-800-500-0583

Manufacturer's name..... : United Brands, Inc.
 Manufacturer's address..... : 170 Associated Rd.
 S. San Francisco, CA 94080
 1-800-500-0583

Factory's name..... : United Brands, Inc.
 Factory's address..... : 170 Associated Rd.
 S. San Francisco, CA 94080
 1-800-500-0583

Testing Laboratory's name..... : SHENZHEN BANTEK TESTING Co.,Ltd.
 Testing location / address..... : A5&A6, Building B1&B2, No.45 Gangtou Road, Bogang
 Community, Shajing Street, Bao'an District, Shenzhen,
 Guangdong, China 518104

Product Description..... : FLEX TORCH
 Trade Mark..... : /
 Model/Type..... : /
 Rating(s)..... : /
 Sample No..... : BTEK230315004AS -01

Report No..... : BTEK230315004AS
 Total number of pages..... : 11 pages
 Date of issue..... : March 16, 2023
 Test Items..... : MSDS
 Test Standards..... : /
 Test Result..... : PASS
 Remark..... : The test was based on standard

Compiled by (name + signature)..... :

Approved by (name + signature)..... :

Possible test case verdicts:

- test case does not apply to the test object..... : N (N/A)
- test object does meet the requirement..... : P (Pass)
- test object does not meet the requirement..... : F (Fail)

Testing

Date of receipt of test item..... : March 15, 2023

Date(s) of performance of tests..... : March 16, 2023

General remarks:

“(see Enclosure #)” refers to additional information appended to the report.

”(see appended table)” refers to a table appended to the report.

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

General product information and illustrate:

1. Test samples provided by the customer
2. Test environment:
 - Temperature: 15°C~35°C
 - Humidity: 45%~75%
 - The atmospheric pressure: 86 kPa~106kPa

Material Safety Data Sheet

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

1.1. Product identifier

Product Name LIGHTER WITH GAS
REACH registration number No information available

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

Recommended Use N/A
Uses advised against N/A

1.3. Details of the supplier of the safety data sheet

Supplier United Brands, Inc.
Address 170 Associated Rd.
 S. San Francisco, CA 94080 Tel: 800-500-0583
E-mail info@unitedbrands.us

1.4. Emergency telephone number

N/A

Material Safety Data Sheet

SECTION 2: Hazards identification

Fatalness: Flammable liquid and gas under pressure. Can form explosive mixtures with air. Can cause anesthetic effects. May cause irritation to eyes and mucous membranes.

Invasion route: Skin touch:

Skin exposure may cause irritation, itching, erythema, swelling, burning and pain.

Eye touch: Liquid and gas may irritate eyes, it may cause corneal burns by prolonged contact.

Inhalation: Inhalation may cause respiratory, eye, reproductive system, skin irritation.

Ingestion: Ingestion of internal chemical materials may cause mouth, throat and intestinal burns irritation and damage. Get medical aid.

Health hazards: This product is a nerve poison, acting on the autonomic, central nervous system and motor nerve terminals, the first excited, then inhibited. To the digestive tract, respiratory tract and skin quickly absorbed, lead poisoning. Manifestations of acute poisoning, headache, dizziness, weakness, nausea, vomiting, abdominal pain, diarrhea, arrhythmia, precordial pain, breathing difficulties, sweating, salivation, miosis and so on. Burning sensation of oral gastrointestinal tract. There are severe muscle bundle tremor, progressive muscle weakness, hypotension, confusion, delirium, convulsions, high degree of difficulty in breathing. Died of respiratory and heart attack. The eyes, skin irritation.

Environment hazards:

Ingredients contained within or their ingredients products could be harmful to environment.

Burn & Burst danger:

If heated strongly by the surrounding fire, acrid gas and flammable gas may be emitted and may case explode dangerous.

SECTION 3: Composition/information on ingredients

3.1. Mixture

base material

Ingredient name	CAS No.	Constituent (% , W/W)
Ethylene	74-85-1	0.5412
Propane	74-98-6	20.9987
Propylene	115-07-1	0.0372
Isobutane	75-28-5	33.3258
N-butane	106-97-8	44.6308
Trans-Butene	624-64-6	0.1548
Cis-2-butene	590-18-1	0.0245
Isobutene	115-11-7	0.2535
1-Butene	106-98-9	0.0335

Material Safety Data Sheet

SECTION 4: First aid measures

Skin contact	:	Remove contaminated clothing, wash with plenty of water.
Eye contact	:	Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
Inhalation	:	Rapidly from the scene to fresh air. Keep the airway open. If breathing is difficult, give oxygen. If breathing stops, artificial respiration. Obtain medical attention.
Ingestion	:	Drink enough water, induce vomiting. Gastric lavage, catharsis. Seek medical advice immediately.

SECTION 5: Firefighting measures

Danger characteristic	:	Case of fire can burn. Can react with oxidants. Heat generated by the decomposition of the release of toxic gases.
Extinguishing Media	:	Use Carbon monoxide, carbon dioxide, nitrogen oxide and foam as appropriate for materials in surrounding fire.
Fire-Fighting	:	The staff must wear the clothes which can deference the fire and toxic gas. Put out the fire in the upwind direction. Avoid using direct streams of water or foam on molten burning material as it may scatter and spread the fire.
Recommended	:	N/A
Special measures	:	Wear self-contained breathing apparatus and full protective clothing. Keep fire exposed cylinders cool with water spray.
Extinguishing procedures	:	N/A

SECTION 6: Accidental release measures

Material Safety Data Sheet

Personal precautions	: Rapid withdrawal from air leakage personnel to a safe area, and isolation and strict restrictions on access. Cut off the fire source. Recommended emergency personnel wearing positiv pressure self-contained breathing apparatus and wear protective clothing. Cut off the source of leakage as possible. Prevent from entering sewers, flood discharge trench so restrictive space. A small leak: sand, vermiculite or other inert materials to absorb. Can also use a lot of water rinse, diluted into the wastewater system. Large leak: to build a causeway or trenching asylum. Pump to transfer tankers or exclusive collector, recycling or shipped to the waste disposal sites.
Environmental precautions	: Make an limitation for burning and throwing into garbage. Do not flush into surface water.
Methods for cleaning up	: N/A

Section 7- Handling and Storage

Precautions in handling	: Closed operation, provide sufficient local ventilation. The operator must go through specialized training, strict compliance with operating procedures. Proposed operators wea self-absorptionfilter respirators (full cover), tape wear protective clothing, wear rubber gloves. Away from fire, heat, non-smoking workplace. Use explosion proof ventilation systems and equipment. To prevent vapor leakage into the workplace air. Avoid contact with oxidants. Handling of light when light unloading, packaging and containers to prevent damage. Equipped with the appropriate variety and quantity of fire equipment and emergency equipment leakage. Empty containers may remain hazardous materials.
Storage conditions	: Stored in a cool, ventilated warehouse. Away from fire and heat. Should oxidants, food chemicals stored separately and avoid mixing reservoir. Equipped with the appropriate variety and quantity of fire equipment. Storage areas should be equipped with emergency spill handling equipment and suitable host material.

Section 8- Exposure Controls/Personal Protection

Material Safety Data Sheet

Respiratory protection	: Concentration in air overweight, they must wear self-absorption filter respirators (full cover). Emergency rescue or evacuation, should wear breathing apparatus.
Hand protection	: In case of spilling, use PVC, neoprene or nitrile gloves of 15mils (0.015 inch) or thicker.
Eye protection	: Use approved chemical work safety goggles or face shield.
Skin and body protection	: Use rubber apron and protective working if required.
Other protective equipment	: Work hygienic practices: Use good chemical hygiene practice. Wash hands after use and before drinking, eating or smoking. Wash hands thoroughly after cleaning-up.No eating, drinking, or smoking in storage area. Launder contaminated cloth before reuse.

Section 9- Physical and Chemical Properties

Physical state	: Pure colorless oily liquid, with excitant odour.
Colour	: Red, gray
Odour	: Excitant odour.
Melting point/Freezing point	: N/A
Boiling point or initial boiling point and boiling range	: 27.8°C

Section 10- Stability and reactivity

Stability	: Stable during normal operation conditions.
Conditions/materials to avoid	: Incompatible with strong oxidizing agents. Storage near a heat source.
Hazardous	: N/A
Polymerization	
Decomposition products:	: N/A

Section 11 – Toxicological Information

Material Safety Data Sheet

Acute toxicity	:	None established.
Subacute and chronic toxicity	:	N/A
Irritation	:	N/A
Sensitization	:	N/A
Mutagenicity	:	N/A
Teratogenicity	:	N/A
Carcinogenicity	:	N/A
Section 12- Ecological Information		
Degradability	:	N/A
Precautions	:	Not available
Section 13- Disposal Considerations		
Nature of waste	:	Hazardous Waste
Waste disposal methods	:	Disposal by incineration. Incinerator emission of nitrogen oxides removed by scrubbers.
Note	:	Consult your local or region authorities, disposal maybe subject to national, state, or local laws.
Section 14 – Transport Information		

Material Safety Data Sheet

UN Number	:	UN1057
Packaging Flag	:	2
Hazard class	:	2
Packing group	:	II
Packing method	:	Thread mouth bottle, Lid pressure bottles, plastic bottles or metal (cans) outside the ordinary wooden box; thread mouth bottle, plastic bottle or tin-plated sheet steel barrel (can) full floor flower box grid , fibreboard or plywood boxes.
Transportation Note:	:	Should be in strict accordance with the Ministry of Railway "Dangerous Goods Transport Rules" of dangerous goods in the loading tables equipped. Transport containers should be preceded by examination is complete, sealing and transportation process to ensure that the container does not leak, did not fall, do not fall, no damage. Strictly prohibited and acids, oxidants, food and food additives mixed transport. Transport The transport vehicles should be equipped with the appropriate variety and quantity of fire equipment and emergency equipment leakage. Transit should be anti-exposure, rain, anti-high temperature. According to the provisions road transport routes, do not stay in residential areas and densely populated areas.
Note	:	ICAO / IATA: Can be shipped by air in accordance with International Civil Aviation Organization (ICAO), TI or International Air Transport Association (IATA), DGR Packing Instructions (PI) 965 Section IB, PI 966 Section II and PI 967 Section II appropriate of IATA DGR 64th (2023 Edition) for transportation. DOT: Other requirements for the US Department of Transportation (DOT) Subchapter C, Hazardous Materials Regulations if shipped in compliance with 49 CFR 173.185.

Section 15- Regulatory information

Regulatory Information:

Dangerous Goods Regulations

Recommendations on the Transport of Dangerous Goods-Model Regulations (22nd revised edition)

Recommendations on the Transport of Dangerous Goods-Manual of Tests and Criteria

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG Code 2020 Edition Amdt 40-20)

Technical Instructions for the Safe Transport of Dangerous Goods

Material Safety Data Sheet

Classification and code of dangerous goods (GB 6944-2012) 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Toxic Substance Control Act (TSCA) In accordance with all Federal, State and local laws
Section 16- Other Information
The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

-----End of Test Report-----