

SAFETY DATA SHEETS

This SDS packet was issued with item:

071327717


The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

273011074

BLAZER PRODUCTS

Safety Data Sheet

| Section 1 PRODUCT IDENTIFICATION | |
|----------------------------------|----------------------------------------------------------|
| Product Name | Liquefied Petroleum Gas, Butane |
| Recommended Use | As an ignition fuel for butane torches and lighters |
| Synonyms/Trade Names | Butane, Blazer Butane |
| Restrictions on Use | None known |
| Manufacturer | Blazer Products, 88 Allen Blvd Farmingdale, NY USA 11735 |
| Emergency Phone Number | Chemtrec 800-424-9300 |

| Section 2 HAZARD IDENTIFICATION | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------|
| DANGER |  Highly flammable liquid and vapor |
| GHS Classification | Flammable Gas Category 1 Gas under pressure, Liquefied gas |
| Hazard Statement | Extremely flammable gas Contains gas under pressure May cause drowsiness and dizziness |
| Prevention | Keep away from heat, sparks, open flame and hot services. No Smoking. Avoid inhaling. Use in well ventilate area. |

| Section 3 COMPOSITION/INFORMATION ON INGREDIENTS | | | | |
|--------------------------------------------------|-----------------------------|--------------|--|--|
| Hazardous Components (chemical & common names) | Approximate Concentration % | C.A.S Number | | |
| Petroleum Hydrocarbon | | 106-97-8 | | |
| Liquefied Petroleum Gas | 56.5120 | | | |
| N Butane | 17.2794 | | | |
| Iso-Butane | 25.7867 | | | |
| Propane | 0.4219 | | | |

| Section 4 FIRST AIR MEASURES | |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | If adverse effects occur, remove to fresh air. If breathing is difficult oxygen should be administered by qualified personnel. Seek medical attention if required. |
| Eyes | Flush eyes with plenty of water for at least 15 minutes and seek medical advice. |
| Skin Contact | Wash immediately with plenty of water. If frostbite occurs seek medical attention. |
| Ingestion | If a large amount is swallowed do not induce vomiting. Seek medical attention. |

| Section 5 FIRE-FIGHTING MEASURES | |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specific Hazards | Severe explosion hazard. Vapor/air mixture are explosive. The vapor is heavier than air. Vapors or gases may ignite at distant ignition sources and flash back. |
| Extinguishing Media | Use dry chemical, CO2 or appropriate foam |
| Fire Fighting Methods and Protection | Wear full fire-fighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure. |
| Hazardous Combustion Products | Carbon dioxide, Carbon monoxide. |

| Section 6 ACCIDENTAL RELEASE MEASURES | |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions | Wear personal protective clothing including respiratory protection as warranted. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. |
| Environmental Precautions | Avoid release to the environment. |
| Containment Methods | Use dry chemical, CO2 or appropriate foam. Do not touch spilled material. Reduce waters with water spray. Contain with foam. |
| Cleanup Methods | Remove sources of ignition. Isolate area. Ventilate closed spaces. |

| Section 7 HANDLING AND STORAGE | |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| Handling Procedures | Keep away from heat and ignition sources. Use only with adequate ventilation. Wash thoroughly after handling. |
| Storage Procedures | Store in a cool/low temperature, well-ventilated place away from heat and ignition. |
| Incompatibilities | Oxidizing materials. |

| Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION | |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Component Exposure Limits | |
| Iso Butane | 800 ppm (1900 mg/m3) NIOSH recommended TWA 10 hour(s) |
| Liquefied Petroleum Gas | 1000 ppm (1800 mg/m3) OSHA TWA 1000 ppm ACGIH TWA 1000 ppm (1800 mg/m3) NIOSH recommended TWA 10 hour(s) |
| N Butane (106-97-8) | ACGIH 1000 ppm STEL |
| Engineering Controls | Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Ensure compliance with applicable exposure limits. |
| Personal Protective Equipment | |
| Eyes/Face | For the gas: Eye protection not required, but recommended. For the liquid: Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. |
| Protective Clothing | For the gas: Protective clothing is not required. For the liquid: Wear appropriate protective, cold insulating clothing. |
| Gloves | Wear insulated gloves. |
| Respirator | The following respirators and maximum use concentrations are drawn from NIOSH and/or OSHA. 2000 ppm - Any supplied-air respirator. Any self-contained breathing apparatus with a full face piece. Escape - Any appropriate escape-type, self-contained breathing apparatus. For Unknown Concentrations or Immediately Dangerous to Life or Health - Any supplied-air respirator with full face piece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full face piece. |

| Section 9 PHYSICAL AND CHEMICAL PROPERTIES | | | |
|--------------------------------------------|-----------------|------------------------|----------------|
| Physical State | Liquefied gas | Appearance/Description | Colorless, gas |
| Color | Colorless | Physical Form | Gas |
| Odor | Unpleasant odor | Odor Threshold | 6.16 ppm |
| Boiling Point | -0.5 C | Flash Point | 120°F |
| Decomposition | N/A | Evaporation Rate | N/A |
| Vapor Density (Air=1) | 2.0 | Specific Gravity | 0.60 |
| Solubility in Water | Slight | Vapor Density (Air=1) | 2.0 |

| Section 10 | | STABILITY AND REACTIVITY | |
|-------------------------|----------------------------------------------------|--------------------------|---------------------------------|
| Reactivity | No reactivity is expected | Chemical Stability | Stable at normal temp, pressure |
| Hazardous Polymerize | Will not occur | Incompatible Materials | Oxidizing materials |
| Hazardous Decomposition | Oxides of carbons | Odor Threshold | 6.16 ppm |
| Conditions to Avoid | Heat, flames, sparks and other sources of ignition | | |

| Section 11 | | TOXICOLOGICAL INFORMATION | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------|
| Acute and Chronic Toxicity. Component Analysis –LD50/LC50 The components of this material have been reviewed in various sources and the following selected endpoints are published. Inhalation LC50 rat 658 g/m ³ 4 h | | | |
| RTECS Acute Toxicity (selected) The components of this material have been reviewed, and RTECS publishes the following endpoints; | | | |
| N-Butane (106-97-8) | Inhalation: | 680000 mg/m ³ /2 hour Inhalation Mouse LC50 | |
| | | 658000 mg/m ³ /4 hour Inhalation Rat LC50 | |
| Acute Toxicity Level | | | |
| Non Toxic | Inhalation | Immediate Effects | Frostbite, central nervous system effects. |
| Delayed Effects | No information on significant adverse effects. | | |
| Component Carcinogenicity | None of this products components are listed by OSHA, ACGIH, DFG, IARC or NTP | | |
| Delayed Effects | No information on significant adverse effects. | | |
| Chronic Effects | | | |
| Mutagenic | None known. | Respiratory Sensitizer | No data available. |
| Aspiration Hazard | Not applicable. | Reproductive Effects Data | No data available |
| Dermal Sensitizer | No data available | Medical Conditions Aggravated by Exposure | None known. |

| Section 12 | | ECOLOGICAL INFORMATION | |
|-------------------------------|-------------------|----------------------------|--------------------------------------------------------------|
| Persistence and Degradability | No available data | Bio accumulative Potential | Bioconcentration potential in aquatic organisms is moderate. |
| Mobility in Soil | Low | Other Adverse Effects | No available data |

| Section 13 | | DISPOSAL CONSIDERATIONS | |
|------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------|--|
| Disposal Methods | Dispose in accordance with local regulations. Subject to disposal regulations: US EPA 40 CFR 262 Hazardous Waste Number(s): D001 | | |

| Section 14 | | TRANSPORT INFORMATION | | | |
|-----------------------------------------|--------|-----------------------|--------|--------------------------|-----|
| US DOT Information Shipping Name | Butane | UN/NA # | UN1075 | Required label(s) | 2.1 |
| IMDG Information Shipping Name | Butane | UN/NA # | UN1075 | Required label(s) | 2.1 |

| Section 15 | | REGULATORY INFORMATION | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| U.S. Federal Regulations: None of this product's components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan. | | | |

| Section 16 | | OTHER INFORMATION | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|--|
| Last Revision Date | 9/1/2016 | | |
| Preparation Date | 1/2/2017 | | |
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