

# SAFETY DATA SHEET

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NGHS / English



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## 1. IDENTIFICATION

### Product identifier

Product Name XXL Torch

### Other means of identification

Product Code(s) 1399871

### Recommended use of the chemical and restrictions on use

Recommended Use Lighters

Restrictions on use No information available

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

Supplier Identification Novelty, Inc.

Address 351 W Muskegon Dr  
Greenfield  
IN  
46140  
US

Telephone Phone:3174623121  
Fax:3174623121

E-mail awhaley@noveltyinc.com

### Emergency telephone number

Company Emergency Phone Number 3174773542

## 2. HAZARDS IDENTIFICATION

### Classification

Flammable gases	Category 1
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Gases under pressure

Liquefied Gas

**Appearance** Clear to yellow**Physical state** Compressed liquefied  
gas Gas**Odor** Slight**GHS Label elements, including precautionary statements****Danger****Hazard statements**

Extremely flammable gas

Contains gas under pressure; may explode if heated

**Precautionary Statements - Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

**Precautionary Statements - Response****Skin**

Eliminate all ignition sources if safe to do so

**Fire**

Leaking gas fire: Do not extinguish, unless leak can be stopped safely

**Precautionary Statements - Storage**

Store in well-ventilated place

Protect from sunlight. Store in a well-ventilated place

**Other information****Unknown acute toxicity** 99.54 % of the mixture consists of ingredient(s) of unknown toxicity

99.54 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

99.54 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

99.54 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

99.54 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

Not applicable.

**Mixture**

Chemical name	CAS-No	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Butane	106-97-8	73.11	-	-
Isobutane	75-28-5	24.63	-	-
Propane	74-98-6	1.8	-	-
Pentane	109-66-0	0.23	-	-
Heptane (n-)	142-82-5	0.23	-	-

#### 4. FIRST AID MEASURES

##### First aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Skin contact</b>	In case of contact with liquefied gas, thaw frosted parts with lukewarm water.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).

##### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	No information available.
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##### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray.
<b>Unsuitable extinguishing media</b>	DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.
<b>Specific hazards arising from the chemical</b>	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	Yes.

**Sensitivity to Static Discharge** Yes.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**Other Information** Ventilate the area.

### Methods and material for containment and cleaning up

**Methods for containment** Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Flood with water to complete polymerization and scrape off floor.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION



**Control parameters****Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>	
Isobutane 75-28-5	STEL: 1000 ppm	N/A	N/A	
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	
Pentane 109-66-0	TWA: 1000 ppm	TWA: 1000 ppm TWA: 2950 mg/m <sup>3</sup> (vacated) TWA: 600 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> (vacated) STEL: 750 ppm (vacated) STEL: 2250 mg/m <sup>3</sup>	IDLH: 1500 ppm Ceiling: 610 ppm 15 min Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 120 ppm TWA: 350 mg/m <sup>3</sup>	
Heptane (n-) 142-82-5	STEL: 500 ppm TWA: 400 ppm	TWA: 500 ppm TWA: 2000 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 1600 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 2000 mg/m <sup>3</sup>	IDLH: 750 ppm Ceiling: 440 ppm 15 min Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 85 ppm TWA: 350 mg/m <sup>3</sup>	
Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Butane 106-97-8	TWA: 1000 ppm	TWA: 600 ppm TWA: 1000 ppm STEL: 750 ppm	TWA: 800 ppm TWA: 1000 ppm STEL: 1000 ppm	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Isobutane 75-28-5		TWA: 1000 ppm	TWA: 800 ppm TWA: 1000 ppm STEL: 1000 ppm	
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm	TWA: TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>
Pentane 109-66-0	TWA: 600 ppm TWA: 1770 mg/m <sup>3</sup>	TWA: 600 ppm	TWA: 600 ppm	TWA: 120 ppm TWA: 350 mg/m <sup>3</sup>
Heptane (n-) 142-82-5	TWA: 400 ppm TWA: 1640 mg/m <sup>3</sup> STEL: 500 ppm STEL: 2050 mg/m <sup>3</sup>	TWA: 400 ppm STEL: 500 ppm	TWA: 400 ppm STEL: 500 ppm	TWA: 400 ppm TWA: 1640 mg/m <sup>3</sup> STEL: 500 ppm STEL: 2050 mg/m <sup>3</sup>

**Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

**Appropriate engineering controls****Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

No special protective equipment required.

**Skin and body protection**

No special protective equipment required.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical state</b>	Compressed liquefied gas; Gas
<b>Appearance</b>	Clear to yellow
<b>Odor</b>	Slight
<b>Color</b>	No information available
<b>Odor Threshold</b>	0.010 - 2.014 ppm (phosphine)

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	No data available	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air		None known	
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Relative density	0.564		
Water Solubility	Negligible		
Solubility(ies)	No data available	None known	
Partition coefficient: n-octanol/water	N/A		
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	

### Other Information

<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Particle Size</b>	No information available
<b>Particle Size Distribution</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks. Excessive heat.

**Incompatible materials** None known based on information supplied.

**Hazardous Decomposition Products** Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

### Information on toxicological effects

**Symptoms** No information available.

### Numerical measures of toxicity

#### Acute Toxicity

**Unknown acute toxicity** 99.54 % of the mixture consists of ingredient(s) of unknown toxicity

99.54 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

99.54 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

99.54 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

99.54 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Butane	-	-	= 658 g/m <sup>3</sup> ( Rat ) 4 h
Isobutane	-	-	= 658 mg/L ( Rat ) 4 h
Propane	-	-	= 658 mg/L ( Rat ) 4 h
Pentane	> 2000 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 364 g/m <sup>3</sup> ( Rat ) 4 h
Heptane (n-)	-	= 3000 mg/kg ( Rabbit )	= 103 g/m <sup>3</sup> ( Rat ) 4 h

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Pentane	-	96h LC50: = 9.87 mg/L (Oncorhynchus mykiss) 96h LC50: = 11.59 mg/L (Pimephales promelas) 96h LC50: = 9.99 mg/L (Lepomis macrochirus)	-	48h EC50: = 9.74 mg/L
Heptane (n-)	-	96h LC50: = 375.0 mg/L (Cichlid fish)	-	24h EC50: > 10 mg/L

**Persistence and Degradability** No information available.

### Bioaccumulation

Chemical name	Log Pow
Butane	2.89
Isobutane	2.88
Propane	2.3
Pentane	3.39
Heptane (n-)	4.66

**Mobility** No information available.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**US EPA Waste Number** D001

**California Hazardous Waste Codes** 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.





Chemical name	California Hazardous Waste
Pentane 109-66-0	Toxic Ignitable
Heptane (n-) 142-82-5	Toxic Ignitable

## 14. TRANSPORT INFORMATION

### DOT

**UN-No.** UN1057  
**Proper Shipping Name** LIGHTERS  
**Hazard Class** 2.1  
**Description** UN1057, LIGHTERS, 2.1  
**Emergency Response Guide Number** 115

### TDG

**UN-No.** UN1057  
**Proper Shipping Name** LIGHTERS  
**Hazard Class** 2.1  
**Description** UN1057, LIGHTERS, 2.1

### MEX

**UN-No.** UN1057  
**Proper Shipping Name** LIGHTERS  
**Hazard Class** 2.1  
**Description** UN1057, LIGHTERS, 2.1

### ICAO

**UN-No.** UN1057  
**Proper Shipping Name** LIGHTERS  
**Hazard Class** 2.1  
**Description** UN1057, LIGHTERS, 2.1

### IATA

**UN-No.** UN1057  
**Proper Shipping Name** LIGHTERS  
**Hazard Class** 2.1  
**ERG Code** 10L  
**Description** UN1057, LIGHTERS, 2.1

### IMDG/IMO

**UN-No.** UN1057  
**Proper Shipping Name** LIGHTERS  
**Hazard Class** 2.1  
**EmS-No.** F-D, S-U  
**Description** UN1057, LIGHTERS, 2.1

### RID

**UN-No.** UN1057  
**Proper Shipping Name** LIGHTERS  
**Hazard Class** 2.1  
**Classification code** 6F

<b>Description</b>	UN1057, LIGHTERS, 2.1
<b>ADR/RID-Labels</b>	2.1

**ADR**

<b>UN-No.</b>	UN1057
<b>Proper Shipping Name</b>	LIGHTERS
<b>Hazard Class</b>	2.1
<b>Classification code</b>	6F
<b>Tunnel restriction code</b>	(D)
<b>Description</b>	UN1057, LIGHTERS, 2.1, (D)

**ADN**

<b>UN-No.</b>	UN1057
<b>Proper Shipping Name</b>	LIGHTERS
<b>Hazard Class</b>	2.1
<b>Classification code</b>	6F
<b>Special Provisions</b>	201, 654, 658
<b>Description</b>	UN1057, LIGHTERS, 2.1
<b>Hazard Labels</b>	2.1
<b>Limited Quantity</b>	0
<b>Ventilation</b>	VE01

<b>15. REGULATORY INFORMATION</b>
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**Safety, health and environmental regulations/legislation specific for the substance or mixture****International Regulations**

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

**International Inventories**

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372



Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	Yes
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Butane 106-97-8	X	X	X		
Isobutane 75-28-5	X	X	X		
Propane 74-98-6	X	X	X		
Pentane 109-66-0	X	X	X		
Heptane (n-) 142-82-5	X	X	X		

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 1	Flammability 4	Instability 0	Physical and Chemical Properties - Personal Protection X
<b>HMIS</b>	Health hazards 1	Flammability 4	Physical hazards 0	

Prepared By Product Stewardship  
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Latham, NY 12110  
1-800-572-6501

Revision Date 29-Jun-2017

Revision Note No information available



**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**