



SAFETY DATA SHEET

LIGHTERS

Section 1. Identification

GHS product identifier	: LIGHTERS
Trade name	: SCRIPTO AIM 'N FLAME, AIM 'N FLAME II, DECOFLEX, DECOLITE, VIEWS, TINYLITE, MINI-MATCH, DNA, SPECTRA, MIGHTY MATCH, ELECTRONIC, TURBO, MEGA, CALICO, JEWELTONES, HOTSHOT, HOTSHOT2, TOKAI, KLEARLITE, ZAFE, MINI-KLEARLITE, KING, GEMSTONES, GEMTONES, EZ SQUEEZE, ULTIMA.
Product type	: Liquefied Gas
Identified uses	: Cigarette Lighters and Multi-Purpose Utility Lighters.
Supplier/Manufacturer	: CALICO BRANDS, INC. 2055 S. HAVEN AVENUE ONTARIO, CA 91761 Telephone Number for Information (Customer Service) 1-909-930-5000

Emergency telephone number (with hours of operation)	: CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER N.A. Toll Free: 1-800-255-3924 International: 01-813-248-0585
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Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
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This is a consumer product in **Canada and the United States**. Therefore it is **EXEMPTED** from the regulatory requirements under **WHMIS and HCS**.

Classification of the substance or mixture	: FLAMMABLE GASES - Category 1 GASES UNDER PRESSURE - Liquefied gas
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GHS label elements

Hazard pictograms	: 
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Signal word	: Danger
Hazard statements	: H220 - Extremely flammable gas. H280 - Contains gas under pressure; may explode if heated.

Precautionary statements

General	: Read label before use. Keep out of reach of children. Follow instructions and warnings provided by the manufacturer when using this product. Fire and explosion hazards when exposed to heat or flame. Containers may explode when heated. Vapors may travel to source of ignition and flash back. May vent and release flammable gas through pressure relief devices. Do not inhale contents.
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Section 2. Hazards identification

- Prevention** : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Response** : P377 - Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381 - Eliminate all ignition sources if safe to do so.
- Storage** : P410 - Protect from sunlight.
P403 - Store in a well-ventilated place.
- Disposal** : Not applicable.

Hazards not otherwise classified (HNOC)

- Physical hazards not otherwise classified (PHNOC)** : None known.
- Health hazards not otherwise classified (HHNOC)** : Liquid can cause burns similar to frostbite.

Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Trade name** : SCRIPTO AIM 'N FLAME, AIM 'N FLAME II, DECOFLEX, DECOLITE, VIEWS, TINYLITE, MINI-MATCH, DNA, SPECTRA, MIGHTY MATCH, ELECTRONIC, TURBO, MEGA, CALICO, JEWELTONES, HOTSHOT, HOTSHOT2, TOKAI, KLEARLITE, ZAFE, MINI-KLEARLITE, KING, GEMSTONES, GEMTONES, EZ SQUEEZE, ULTIMA.

CAS number/other identifiers

- CAS number** : Not applicable.

This is a consumer product in Canada and the United States. Therefore it is **EXEMPTED** from the regulatory requirements under WHMIS and HCS.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
- Skin contact** : Flush contaminated skin with plenty of water. To avoid the risk of static discharges and gas ignition, soak contaminated clothing thoroughly with water before removing it. Get medical attention if symptoms occur. In case of contact with liquid, warm frozen tissues slowly with lukewarm water and get medical attention. Do not rub affected area. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Section 4. First aid measures

- Ingestion** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if adverse health effects persist or are severe. Ingestion of liquid can cause burns similar to frostbite. If frostbite occurs, get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. As this product rapidly becomes a gas when released, refer to the inhalation section.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Liquid can cause burns similar to frostbite.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Dermal contact with rapidly evaporating liquid could result in freezing of the tissues or frostbite.
- Ingestion** : Ingestion of liquid can cause burns similar to frostbite.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
frostbite
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Adverse symptoms may include the following:
frostbite
- Ingestion** : Adverse symptoms may include the following:
frostbite

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : SMALL FIRE: Use dry chemical or CO₂. LARGE FIRE: Use alcohol-resistant foam or water spray or fog.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : Contains gas under pressure. Extremely flammable gas. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Contact supplier immediately for specialist advice. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. If involved in fire, shut off flow immediately if it can be done without risk. If this is impossible, withdraw from area and allow fire to burn. Fight fire from protected location or maximum possible distance. Eliminate all ignition sources if safe to do so.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. For incidents involving large quantities, thermally insulated undergarments and thick textile or leather gloves should be worn.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Accidental releases pose a serious fire or explosion hazard. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing gas. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Ensure emergency procedures to deal with accidental gas releases are in place to avoid contamination of the environment. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Immediately contact emergency personnel. Stop leak if without risk. Use spark-proof tools and explosion-proof equipment.
- Large spill** : Immediately contact emergency personnel. Stop leak if without risk. Use spark-proof tools and explosion-proof equipment. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Contains gas under pressure. Store in cool, ventilated area. Store away from heat, sparks, open flame, direct sunlight and temperatures exceeding 120°F (49°C). Do not puncture or incinerate container.
- Advice on general occupational hygiene** : No smoking.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use.

Section 8. Exposure controls/personal protection

Control parameters

United States

Occupational exposure limits

None.

Canada

<u>Occupational exposure limits</u>		<u>TWA (8 hours)</u>			<u>STEL (15 mins)</u>			<u>Ceiling</u>			
<u>Ingredient</u>	<u>List name</u>	<u>ppm</u>	<u>mg/m³</u>	<u>Other</u>	<u>ppm</u>	<u>mg/m³</u>	<u>Other</u>	<u>ppm</u>	<u>mg/m³</u>	<u>Other</u>	<u>Notations</u>
Butane	US ACGIH 3/2015	-	-	-	1000	-	-	-	-	-	
	AB 4/2009	1000	-	-	-	-	-	-	-	-	
	BC 2/2015	600	-	-	750	-	-	-	-	-	
	ON 7/2015	-	-	-	1000	-	-	-	-	-	
	QC 1/2014	800	1900	-	-	-	-	-	-	-	
Propane	AB 4/2009	1000	-	-	-	-	-	-	-	-	
	BC 2/2015	1000	-	-	-	-	-	-	-	-	
	ON 7/2015	1000	-	-	-	-	-	-	-	-	
	QC 1/2014	1000	1800	-	-	-	-	-	-	-	

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Not required under normal conditions of use.

Skin protection

Hand protection

: Not required under normal conditions of use.

Body protection

: Not required under normal conditions of use.

Other skin protection

: Not required under normal conditions of use.

Respiratory protection

: Use suitable respiratory protective device in case of insufficient ventilation.

Section 9. Physical and chemical properties

Appearance

Physical state

: Gas. [Liquefied gas.]

Color

: Colorless.

Odor

: Odorless or can have a faint gas odor.

Odor threshold

: Not available.

pH

: Not available.

Melting point

: Not available.

Boiling point

: -15 to 0°C (5 to 32°F)

Flash point

: Closed cup: -90 to -73°C (-130 to -99.4°F)

Section 9. Physical and chemical properties

Evaporation rate	: Not available.
Flammability (solid, gas)	: Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
Lower and upper explosive (flammable) limits	: Lower: 1.8% Upper: 8.8%
Vapor pressure	: 150 to 250 kPa (1125.1 to 1875.2 mm Hg) [room temperature]
Vapor density	: 2 [Air = 1]
Relative density	: 0.56
Solubility in water	: Insoluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not smoke.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials and acids.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

There is no data available.

Irritation/Corrosion

There is no data available.

Sensitization

There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

There is no data available.

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Section 11. Toxicological information

Specific target organ toxicity (single exposure)

There is no data available.

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

There is no data available.

Information on the likely routes of exposure : Dermal contact. Eye contact. Inhalation.

Potential acute health effects

- Eye contact** : Liquid can cause burns similar to frostbite.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Dermal contact with rapidly evaporating liquid could result in freezing of the tissues or frostbite.
- Ingestion** : Ingestion of liquid can cause burns similar to frostbite.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:
frostbite
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Adverse symptoms may include the following:
frostbite
- Ingestion** : Adverse symptoms may include the following:
frostbite

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

Long term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

Potential chronic health effects

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

There is no data available.

Section 12. Ecological information

Toxicity

There is no data available.

Persistence and degradability

There is no data available.

Bioaccumulative potential

There is no data available.

Mobility in soil





Soil/water partition coefficient (K_{oc}) : There is no data available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : Disposal must be made in compliance with the requirements of local and federal hazmat and waste disposal regulations.

Section 14. Transport information

	DOT	TDG	IMDG	IATA
UN number	UN1057	UN1057	UN1057	UN1057
UN proper shipping name	Lighters	Lighters	Lighters	Lighters
Transport hazard class(es)	2.1 	2.1 	2.1 	2.1 
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.
Additional information	See shipping paper for applicable LAA number.	See shipping paper for applicable LAA number.	See shipping paper for applicable LAA number.	See shipping paper for applicable LAA number.

AERG : 115

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: Not determined
 United States inventory (TSCA 8b): All components are listed or exempted.
 Clean Air Act (CAA) 112 regulated flammable substances: Butane; Propane

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Fire hazard
 Sudden release of pressure

Composition/information on ingredients

No products were found.

SARA 313

No products were found.

State regulations

Massachusetts :The following components are listed: Butane; Propane

New York :None of the components are listed.

New Jersey :The following components are listed: Butane; Propane

Pennsylvania :The following components are listed: Butane; Propane

California Prop. 65 :  WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

US consumer product label content : **KEEP OUT OF REACH OF CHILDREN.**

No lighter is child proof. The child resistant feature of this lighter is not a substitute for proper supervision. It may be possible for small children to operate this product if left unattended, which could lead to serious property damage, injury, or death.

DANGER

Extremely Flammable. Contains Flammable Gas Under Pressure.

CAUTION

Ignite utility lighter away from face and clothing. Do not use to light cigarettes, cigars, or pipes. Be sure flame is out after use. Never expose to heat above 120°F (49°C) or to prolonged sunlight. Never puncture or put in fire. Do not keep lit for more than 30 seconds. Follow all instructions and warnings provided by manufacturer of appliance when using this product. Failure to follow instructions may result in burn injury. Do not inhale the contents.

Section 15. Regulatory information

HOT

Extreme heat is present above the visible flame. Extra care should be taken to prevent burn, injury, or fire. Flame can ignite materials not in direct contact with the visible flame. Do not touch nozzle tip after use.

Refillable lighters only: Wait 2 minutes after refilling before using the utility lighter.

Canada

Canadian lists

Canadian NPRI : The following components are listed: Butane; Propane

CEPA Toxic substances : None of the components are listed.

Canada inventory : All components are listed or exempted.

Section 16. Other information

History

Date of issue mm/dd/yyyy : 9/1/2017

Date of previous issue : 12/15/2015

Version : 3

Prepared by :

Key to abbreviations

: ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.