



BIC® GAS LIGHTER / BIC® UTILITY LIGHTER

PRODUCT DATA SHEET

Date: 05/04/2018

Supersedes: 29/01/2016

Version: 7.3

WARNING

This document is not a Safety Data Sheet.

BIC® lighters and utility lighters are articles and, as such, a Safety Data Sheet is not required according to:

- UN – Globally Harmonized System of Classification and Labelling of Chemicals (GHS) article 1.3.2.1 “ *Articles [...] are outside the scope of the system*”
- US – 29 CFR 1910.1200 (b) (6) and 1910.1200 (b) (6)(V) “*This section does not apply to [...] articles*”
- EU - Regulation 1907/2006 [REACH] and its Guidance on the compilation of safety data sheets - February 2014 – Version 2.1 – Articles 1.1 et 3.21 - published by the European Chemicals Agency (ECHA) confirms that SDS should neither be developed nor be provided for the articles

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STORAGE

RECOMMENDATIONS

- Precautions for safe handling:
 - o Does not require any specific or particular technical measures. Avoid high temperatures.
- Conditions for safe storage, including any incompatibilities
 - o Provide appropriate exhaust ventilation in storage places.
 - o Avoid ignition sources.
 - o Temperature in the warehouse: **[mini 10° C - maxi 35°C]**
 - o Relative Humidity in the warehouse: **[mini 30 % - maxi 70 %]**
 - o Keep away from marine atmosphere.
 - o Store sealed in original outer carton (unpacking / repacking to be strictly performed in A/C room).
 - o Incompatible products in the same warehouse: Strong oxidizing agents, corrosive chemicals.
 - o Every pallet must be tightly wrapped with at least three layers of stretch wrap to ensure cases are secure to prevent shifting in any direction. Be sure not to over tighten the stretch wrap, as it may cause damage.
 - o Max Unit Load stacking limit is 2 high if height of unit load including pallet is below 1.50 m (59").
 - o When stacking, unit loads shall be stored only at ground level (level 0).
 - o Without stacking, the unit load can be stored at ground level or ground level + 1 if height of unit load including pallet is below 2.25 m (88").
 - o When stacking one pallet load high, center the pallet on the top layer of the unit load below it. Never stack a pallet centered between two pallets (like a pyramid etc.).
 - o FIFO shall apply.

REGULATORY REQUIREMENTS

Hereafters are guidelines based on European Directive 2012/18/EU (SEVESO 3) and its ANNEX I, Part 2, entry 18 "*Liquefied flammable gases, Category 1 or 2 (including LPG) and natural gas*".

The regulatory requirements usually do not apply specifically for lighters. Please refer to local regulations on storage of dangerous substances or control of major-accident hazards involving dangerous substances transposing said Directive. They may require additional or more severe requirements related to "**Liquefied flammable gases, category 1 or 2 including LPG**".

- If total amount of fuel is less than 50 tonsⁱ
 - o Provide notification to the competent authorities.
 - o Refer to local regulation in case threshold would be stricter e.g. France: requiring [declaration and periodical controls if ≥ 6 tons \(Decree 2014-285\)](#) and [authorization if ≥ 35 tons \(Decree 2017-1595\)](#), modifying ICPE list.
 - o Provide basic firefighting equipment (watering with spread water jet is recommended).
- If total amount of fuel is more than 50 tonsⁱ (Qualifying quantity for application of lower-tier requirements)
 - o Authorization shall be needed from local competent authorities.
 - o Provide basic firefighting equipment
 - o Refer to the requirements from local insurance company.
 - o BIC recommends providing sprinkler system.
 - o BIC recommends either a storage building isolated from other activity building or equipped with fire resistant (120 minutes) walls.
- If total amount of fuel is more than 200 tonsⁱ (Qualifying quantity for application of upper-tier requirements)
 - o Refer to local authorities laying down rules for the prevention of major accidents which involve dangerous substances, and the limitation of their consequences for human health and the environment.



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TRANSPORTATION

Lighters and utility lighters must be transported according to the requirements provided by **ADR** (road) / **RID** (rail) / **ADN** (river) / **IMDG** (sea) / **ICAO - IATA** (air).

ADR	IMDG	IATA
UN NUMBER		
1057	1057	1057
NAME OF THE SUBSTANCE OR ARTICLE		
LIGHTERS	LIGHTERS	LIGHTERS
CLASSIFICATION CODE		
2, 6F	2.1	2.1
HAZARD LABEL (UN)		
2.1	2.1	2.1
		
PACKING GROUP		
-	-	-
DANGERS FOR ENVIRONMENT		
Dangerous for environment : No	Dangerous for environment: No Marine pollutant : No	Dangerous for environment : No

REGULATION (EC) 1907/2006 [REACH]

BIC® Lighters and BIC utility lighters comply with the requirements of **Regulation (EC) 1907/2006**.

BIC® Lighters and BIC utility lighters are **articles**.

The provision of a Safety Data Sheet (**FDS**) does not apply to articles, see:

- Article 31 of Regulation 1907/2006
- Web site of The European Chemical Agency (ECHA) <http://echa.europa.eu/fr/regulations/reach/safety-data-sheets>
- ECHA – Guidance on the compilation of safety data sheets – February 2014 – Version 2.1 – Articles 1.1 et 3.21 http://echa.europa.eu/documents/10162/13643/sds_en.pdf

According to article 33 of this regulation, we inform you that electronic lighters (J38 and J39 models) and utility lighters (U140 and U140 Flex models) contain PZT (lead titanium zirconium oxide, CAS N°12626-81-2) in a concentration above 0.1% (weight/weight). As this substance is agglomerated by sintering in a ceramic which is inside the piezo mechanism, itself embedded in the lighter body, it is not accessible to the consumer. Therefore, these products are completely safe for consumers to use. To BIC knowledge all electronic models sold on the market have the same characteristics.

REGULATION (EC) 1272/2008 [CLP]

BIC® Lighters and BIC® utility lighters comply with the requirements of **Regulation (EC) 1272/2008**.

BIC® Lighters and BIC® utility lighters are **articles**, and as such are not covered by this regulation.



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DIRECTIVE 94/62/CE [Packaging and packaging waste]

Our primary packing material (provided for sale) and secondary (outer for transportation) comply with European Directive **94/62/EC** on packaging and packaging waste.

REGULATION (EC) 850/2004 [Persistent organic pollutants]

BIC[®] Lighters and BIC[®] utility lighters comply with the requirements of **Regulation (EC) 850/2004**.

OTHER INFORMATIONS

Indications of changes: Doted Underline with violet color

This sheet was updated (refer to the date at the top of this page).

Sheet established in French and English by: BJ75

ⁱ Number of BIC lighters for a given qualifying quantity of fuel
(including section 4718 of the ICPE list from French decrees 2014-285 and 2017-1595)

Modèle de briquet	Maximum weight of fuel in one lighter (g)	Millions of lighters per 6 tons of fuel	Millions of lighters per 35 tons of fuel	Millions of lighters per 50 tons of fuel	Millions of lighters per 200 tons of fuel
J9/J39 - Minitronic	1.7	3.5	<u>20.5</u>	29	118
J24 - Slice	2.1	2.9	<u>16.7</u>	24	95
J5/J25 - Mini	2.3	2.6	<u>15.2</u>	22	87
J3/J23 - Slim	2.9	2.1	<u>12.1</u>	17	69
J8/J38 - Electronic	2.9	2.1	<u>12.1</u>	17	69
F3/F23 - BX7	3.2	1.9	<u>10.9</u>	16	63
J6/J26 - Maxi	4.9	1.2	<u>7.1</u>	10	41
U110/U140 - Megalighter	4.9	1.2	<u>7.1</u>	10	41