

Safety data sheet

Issue date: 14-06-2013

Version: 01.00/EU_UK

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

1.1. Product identifier

Trade name: Lighter Fluid

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

Recommended uses: Lighter Fluid

1.3. Details of the supplier of the safety data sheet

Distributor: Polyflame Europe SA
Z.A. des Petits Carreaux 7 avenue du Bouton d'Or
FR-94386 Bonneuil sur Marne
France
Tel: +33 1 43 99 60 00
Fax: +33 1 43 99 60 99
Email: victor.jorge@polyflame.com

1.4. Emergency telephone number

+ 33 1 43 99 60 00 (Polyflame Europe SA)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD-classification: F;R11 Xn;R65

CLP-classification: Flam. Liq. 2;H225 Asp. Tox. 1; H304

Please see section 16 for the full text of R-phrases and H-phrases.

Most serious harmful effects: Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Inhalation of vapours is irritating to the upper airways. Prolonged or repeated inhalation of vapours may cause damage to the central nervous system. May cause chemical pneumonia if ingested or vomited.

2.2. Label elements



Signal word:

Danger

H-phrases:

Highly flammable liquid and vapour.
May be fatal if swallowed and enters airways.

P-phrases:

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Dispose of contents/container to ...
Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Do NOT induce vomiting.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/EC No.	Substance	DSD-classification/ CLP-classification	w/w%	Note
.	8008-20-6	Kerosine (petroleum)	Xn;R65 F;R11	70-100	.
.	232-366-4	.	Asp. Tox. 1;H304 Flam. Liq. 2;H255	.	.

Please see section 16 for the full text of R-phrases and H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Seek medical advice immediately.
Skin:	Remove contaminated clothing, watch and jewellery. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eyes	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Other information:	When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

May cause chemical pneumonia if ingested or vomited. Inhalation of vapours is irritating to the upper airways. Prolonged or repeated inhalation of vapours may cause damage to the central nervous system.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Smoking and naked flames prohibited. Stop leak if this can be done without risk. Stay upwind/keep distance from source. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Wear respiratory protective equipment. Wear safety goggles if there is a risk of eye splash. Wear gloves.
For emergency responders:	In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking and naked flames prohibited. Work under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Put lids on containers immediately after use. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Avoid direct sunlight. Store in a dry, cool, well-ventilated area.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Legal basis: Commission Directive 2000/39/EC. Last amended by Commission Directive 2009/161/EU.

Contains no substances subject to reporting requirements.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Plastic or rubber gloves recommended. Breakthrough time has not been determined for the product. Change gloves often.

Personal protective equipment, respiratory protection: Wear respiratory protective equipment. Filter type: A/AX. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid
Colour:	Clear
Odour:	No data
Odour threshold:	No data
pH (solution for use):	No data
pH (concentrate):	No data
Melting point/freezing point:	No data
Initial boiling point and boiling range:	No data
Flash point:	< 17 °C (closed cup)
Evaporation rate:	No data
Flammability (solid, gas):	No data
Upper/lower flammability limits:	No data
Upper/lower explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	No data
Solubility:	No data
Partition coefficient n-octanol/water:	No data

Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong oxidisers/ Strong alkalis/ Strong acids/ Amines.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Strong oxidisers/ Strong alkalis/ Strong acids/ Amines.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:	Ingestion may cause discomfort. The product does not have to be classified. Test data are not available.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	May cause slight irritation. The product does not have to be classified. Test data are not available.
Serious eye damage/eye irritation:	Temporary irritation. The product does not have to be classified. Test data are not available.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	Inhalation of vapours is irritating to the upper airways. The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	Prolonged or repeated inhalation of vapours may cause damage to the central nervous system.
Aspiration hazard:	May cause chemical pneumonia if ingested or vomited.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

The product does not have to be classified. Test data are not available.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Avoid discharge to drain or surface water.

Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC code: Depends on line of business and use, for instance 16 05 08

Wiping cloths with organic solvents: EWC code: 15 02 02 Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

SECTION 14: Transport information**ADR/RID**

14.1. UN number 1268

14.2. UN proper shipping name PETROLEUM DISTILLATES, N.O.S.

14.3. Transport hazard class(es) 3

14.4. Packing group II

Hazard identification number 33

Tunnel restriction code: D/E

14.5. Environmental hazards The product should not be labelled as an environmental hazard (symbol: fish and tree).

ADN

14.1. UN number 1268

14.2. UN proper shipping name PETROLEUM DISTILLATES, N.O.S.

14.3. Transport hazard class(es) 3

14.4. Packing group II

14.5. Environmental hazards The product should not be labelled as an environmental hazard (symbol: fish and tree).

Environmental hazard in tank vessels: -

IMDG

14.1. UN number	1268
14.2. UN proper shipping name	PETROLEUM DISTILLATES, N.O.S.
14.3. Transport hazard class(es)	3
14.4. Packing group	II
14.5. Environmental hazards	The product is not a Marine Pollutant (MP).
IMDG Code segregation group:	-

ICAO/IATA

14.1. UN number	1268
14.2. UN proper shipping name	PETROLEUM DISTILLATES, N.O.S.
14.3. Transport hazard class(es)	3
14.4. Packing group	II

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: Council Directive 96/82/EC (Seveso), Flammable: Column 2: 5000 t, Column 3: 50000 t.

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Abbreviation explanations:	PBT: Persistent, Bioaccumulative and Toxic vPvB: Very Persistent and Very Bioaccumulative STOT: Specific Target Organ Toxicity
Classification method:	Calculation based on the hazards of the known components.
R-phrases:	R11 Highly flammable. R65 Harmful: May cause lung damage if swallowed.
H-phrases:	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways.
Training:	A thorough knowledge of this safety data sheet should be a prerequisite condition.
Other information:	This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

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