

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

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

Product identifier

Trade name of the substance CE-810L (EU)
Identification number 85566-26-3
Registration number 01-2119527826-31-0000
Synonyms Fatty acids, C8-10, ME esters
SDS number ME561
Date of first issue 12-09-2011
Version number 01
Revision date 12-09-2011
Supersedes date 12-09-2011

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

Identified uses lamp oil & Lighter fluid
Uses advised against None known.

Details of the supplier of the safety data sheet

Supplier Name WaxiLight Aps
Skjernvej 142
7500 Holstebro
Denmark
Contact:
mail@waxilight.com
www.WaxiLight.com
Quality or Service Issues: +(45) 41 11 11 13
Emergency Telephone Number: +(45) 82 12 12 12 Poison Hotline (DK), Bispebjerg
Hospital (open 24 hours)

Section 2: Hazards identification

Classification of the substance or mixture

The substance has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

The full text for all R-phrases is displayed in section 16.

Classification according to Regulation (EC) No 1272/2008 as amended

This substance does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary

Physical hazards Not classified for physical hazards.
Health hazards Not classified for health hazards.
Environmental hazards Not classified for hazards to the environment.
Specific hazards Not available.
Main symptoms Eyes. May cause minor irritation on eye contact. Moderate eye irritation.
Skin. Prolonged or excessive skin contact with this product may cause mild skin irritation.
Inhalation. Under normal conditions of intended use, this material is not expected to be an inhalation hazard. Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Ingestion. May cause irritation of the gastrointestinal tract.

Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains:	FATTY ACIDS, C8-10, ME ESTERS
Identification number	85566-26-3
Hazard statements	The substance does not meet the criteria for classification.
Precautionary statements	
Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.
Supplemental label information	Not applicable.
Other hazards	Not assigned.
Emergency overview	CAUTION! Combustible liquid and vapor.

Causes skin and eye irritation.
May be ignited by heat, sparks or flames. Containers may explode when heated.
Vapors may travel to a source of ignition and flash back.

When heated, the vapors/fumes given off may cause respiratory tract irritation.
Contact with this material can cause irritation to the skin, eyes and mucous membranes. May cause respiratory irritation.

Section 3: Composition/information on ingredients

Substance

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
FATTY ACIDS, C8-10, ME ESTERS	100	85566-26-3 203-835-0	01-2119527826-31-0000	-	
Classification:	DSD: -	CLP: -			

CLP: Regulation No. 1272/2008.
DSD: Directive 67/548/EEC.
#: This substance has workplace exposure limit(s).
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.

Composition comments Occupational Exposure Limits for constituents are listed in Section 8. Occupational Exposure. Limits for impurities are listed in Section 8. The full text for all R- and H-phrases is displayed in section 16.

Section 4: First aid measures

Description of first aid measures

Inhalation	Move to fresh air. If breathing stops, provide artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Skin contact	Wash the skin immediately with soap and water. Remove contaminated clothing. Get medical attention if irritation develops and persists. Wash clothing separately before reuse.
Eye contact	Flush thoroughly with water for at least 15 minutes. Get medical assistance.
Ingestion	If swallowed, do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Most important symptoms and effects, both acute and delayed Not available.
Indication of any immediate medical attention and special treatment needed Not available.

Section 5: Firefighting measures

General fire hazards Not available.

Extinguishing media

Suitable extinguishing

media

Foam. Dry chemicals. Carbon dioxide (CO2).

Unsuitable extinguishing

media

Water spray may be ineffective on fire.

Special hazards arising from the substance or mixture

Vapors may travel to a source of ignition and flash back.
In combustion emits toxic fumes of carbon dioxide/carbon monoxide.

Advice for firefighters

Special protective

equipment for firefighters

Wear self-contained breathing apparatus and protective clothing.

Special firefighting

procedures

Cool containers with flooding quantities of water until well after fire is out. Vapors may travel considerable distance to a source of ignition and flash back.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

Wear suitable protective clothing. When respiratory protection is required, wear a NIOSH/MSHA approved self-contained breathing apparatus with full facepiece operated in a positive-pressure mode.

For emergency responders

Not available.

Environmental precautions

Dike flow of spilled material using soil or sandbags. Do not allow to enter drains, sewers or watercourses.

Methods and material for containment and cleaning up

Ventilate the area. Eliminate sources of ignition. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Reference to other sections

Not available.

Section 7: Handling and storage

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Since emptied containers retain product residue, follow label warnings even after container is emptied. Keep away from heat and sources of ignition.

Conditions for safe storage, including any incompatibilities

Aluminum. Carbon steel. Stainless steel. Keep away from heat, sparks, and flame. Store in a closed container away from incompatible materials. Store in a cool, dry place. In accordance with NFPA 30.

Specific end use(s)

Not available.

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

No exposure limits noted for the ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring Procedures	Not available.
DNEL	Not available.
PNEC	Not available.
Exposure controls	
Appropriate engineering controls	Local exhaust is recommended.
Individual protection measures, such as personal protective equipment	
General information	Not available.
Eye/face protection	Safety glasses. Face-shield.
Skin protection	
- Hand protection	Neoprene gloves nitrile-butadiene rubber (NBR) gloves. Observe instructions regarding permeability and breakthrough time provided by supplier. Consider conditions under which the product is used, danger of cuts, scrapes and contact time.
- Other	Protective suit.
Respiratory protection	Respiratory protection not required.
Thermal hazards	Not available.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure Controls	Not available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid.
Physical state	Liquid.
Form	Liquid.
Color	White Water.: Yellow.
Odor	Musty.
Odor threshold	Not available.
pH	Not applicable.
Melting point/freezing point	-47,2 °F (-44 °C)
Boiling point, initial boiling point, and boiling range	399,2 °F (204 °C) @ 988 mbar
Flash point	183,2 °F (84 °C) Open Cup
Auto-ignition temperature	572 °F (300 °C)
Flammability (solid, gas)	Not applicable.
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Oxidizing properties	Not applicable.
Explosive properties	Not applicable.
Explosive limit	Not applicable.
Vapor pressure	39 Pa @ 20 C
Vapor density	Not applicable.
Evaporation rate	Not applicable.
Relative density	Not available.
Density	874 kg/m ³ @ 20 C
Solubility (water)	0,3 mg/l @ 20 C
Partition coefficient (n-octanol/water)	4,41 log Kow
Decomposition temperature	Not available.
Viscosity	1,42 mm ² /s at 40C
Percent volatile	Not available.
Other data	
Dissociation constant	No dissociation
Other information	No relevant additional information available.

Section 10: Stability and reactivity

Reactivity	Oxidizing agents. Strong bases.
Chemical stability	No decomposition if stored normally.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Reacts with strong base to produce methanol.
Incompatible materials	Oxidizing agents. Strong bases.
Hazardous decomposition products	Not applicable.
Materials to avoid	Oxidizing agents. Strong bases.

Section 11: Toxicological information

General information	Not available.
Information on likely routes of exposure	
Ingestion	Not available.
Inhalation	Not available.
Skin contact	Not available.
Eye contact	Not available.
Symptoms	Not available.
Information on toxicological effects	
Acute toxicity	Not classified.

Product

Test Results

FATTY ACIDS, C8-10, ME ESTERS (85566-26-3)

Acute Inhalation LC50 Rat: > 5 mg/l 4.00 hours air, Read-across, OECD 436
Acute Oral LD50 Rat: > 2000 mg/kg bw, Read-across (EU Method B.1)

Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Not classified.
Respiratory sensitization	Not classified.
Skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Mixture versus substance Information	Not classified.
Other information	Not available.

Section 12: Ecological information

Toxicity

Product

Test Results

FATTY ACIDS, C8-10, ME ESTERS (85566-26-3)

EC50 Water flea (Daphnia magna): 1,1 mg/l 48.00 hours
OECD 202, OECD 23, Read-across, Literature value
LC50 Zebra fish (Brachydanio rerio): 100 mg/l 96.00 hours
OECD 203, Literature value

Persistence and

Degradability

Expected to be readily biodegradable.

Bioaccumulative potential

Not classified.

Mobility

Not available.

Environmental fate -

Partition coefficient

Not classified.

Mobility in soil

Not classified.

Results of PBT and

vPvB assessment

Not classified.

Other adverse effects

Not available.

Persistence and degradability

Expected to be readily biodegradable.

Persistence / degradability

Expected to be readily biodegradable.

Section 13: Disposal considerations

Waste treatment methods

Residual waste

Not available.

Contaminated packaging

Not available.

EU waste code

Not available.

Disposal methods/information

Dispose of waste and residues in accordance with local authority requirements.

Section 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

UN number

UN9003

UN proper shipping name

SUBSTANCES WITH A FLASHPOINT ABOVE 61 AND NOT MORE THAN 100 C,
WHICH DO NOT BELONG TO ANOTHER CLASS. (METHYL OCTANOATE)

Transport hazard class(es)

9

Subsidiary class(es)

-

Environmental hazards

No

Special precautions for user

Not available.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.



Transport in bulk according to
Annex II of MARPOL 73/78 and
the IBC Code

No information available.

Section 15: Regulatory information

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

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V

Not listed.

Directive 96/61/EC concerning integrated pollution prevention and control (IPPC): Article 15, European Pollution Emission Registry (EPER)

Not listed.

Regulation (EC) No. 1907/2006, Article 59(1). Candidate List

Not listed.

Other regulations

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations

Not available.

Chemical safety assessment

Chemical Safety Assessment has been carried out.

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Switzerland	Switzerland FOPH	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Section 16: Other information

List of abbreviations

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

Not available.

**Full text of any statements or
R-phrases and H-phrases under
Sections 2 to 15**

None.

Revision information

This document has undergone significant changes and should be reviewed in its entirety.

Training information

Not available.

Disclaimer

The submission of the MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied are for use only in connection with occupational safety and health.

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Issue date

12-09-2011

Revision date

12-09-2011

Print date

12-09-2011