

## 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-810 KOSHER (EU) Nederlands

Identification number 85566-26-3

Registration number 01-2119527826-31-0001

Synonyms Fatty acids, C8-10, Me esters

SDS number ME554

Product Code 95951123

Date of first issue 06-02-2010

Version number 04

Revision date 04-26-2011

Supersedes date 01-04-2011

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

Identified uses Intermediate. Fuel and fuel additives.

Uses advised against None known.

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

Legal Entity Procter & Gamble Nederland B.V.  
Watermanweg 100  
3067 GG  
Rotterdam  
Netherlands  
Telephone Number: +322-456-4150  
reachpgc.im@pg.com

Supplier Name Procter & Gamble International Operations SA  
P&G Chemicals - Europe  
47, Route de Saint-Georges  
1213 Petit-Lancy1, Switzerland  
Telephone Number: +(41) 22 58 004 6485  
PGChemMSDS.IM@pg.com  
CHEMTREC: +1-703-527-3887  
Quality or Service Issues: 1-800-477-8899 or +1-513-626-6882  
Emergency Telephone Number: +(41) 22 58 004 8213 (day phone)

### 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 Not available.

#### 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.

### Section 3: Composition/information on ingredients

#### Substance

##### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
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FATTY ACIDS, C8-10, ME ESTERS	100	85566-26-3 203-835-0	01-2119527826-31-0001	-	
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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 (CO<sub>2</sub>).

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.
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### 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

Physical state	Liquid.
Form	Liquid.
Color	Water. White.: 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 available.
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 <sup>3</sup> @ 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 <sup>2</sup> /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	Not available.
Hazardous decomposition products	Not available.
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 available.
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#### 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 available.
Serious eye damage/eye irritation	Not available.
Respiratory sensitization	Not available.
Skin sensitization	Not available.
Germ cell mutagenicity	Not available.
Carcinogenicity	Not available.
Reproductive toxicity	Not available.
Specific target organ toxicity - single exposure	Not available.
Specific target organ toxicity - repeated exposure	Not available.
Aspiration hazard	Not available.
Mixture versus substance information	Not available.
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 available.
Mobility	Not available.
Environmental fate - Partition coefficient	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not available.
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

Not regulated as dangerous goods.

### 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 No 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	<p>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.</p> <p>The information contained herein has been compiled from sources considered by Procter &amp; Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific product designated herein, and does not relate to use in combination with any other material of any other process. Procter &amp; Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the controlled product. The information in the sheet was written based on the best knowledge and experience currently available.</p>
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