

## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

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

#### Product identifier

<b>Trade name of the substance</b>	CE-685 (EU)
<b>Identification number</b>	-
<b>Registration number</b>	-
<b>Registration Exemptions</b>	No registration number is given yet for this pre-registered phase-in substance since the transition period for its registration according to Article 23 of REACH has not yet expired.
<b>Product registration number</b>	Not available.
<b>Synonyms</b>	None.
<b>SDS number</b>	ME524
<b>Product Code</b>	98866124
<b>Date of first issue</b>	11-29-2010
<b>Version number</b>	03
<b>Revision date</b>	10-20-2011
<b>Supersedes date</b>	01-18-2011

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

<b>Identified uses</b>	Intermediate raw material for downstream derivitization.
<b>Uses advised against</b>	None known.

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

<b>Supplier Name</b>	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)
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### Section 2: Hazards identification

#### Classification of the substance or mixture

The mixture 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

**Classification** R10, Xn;R20/21/22, Xi;R36/38

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

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

##### Physical hazards

Flammable liquids Category 3

##### Health hazards

Acute toxicity, oral Category 4

Acute toxicity, dermal Category 3

Acute toxicity, inhalation Category 3

Skin corrosion/irritation	Category 2	
Serious eye damage/eye irritation	Category 2	
Specific target organ toxicity - single exposure	Category 2	May cause damage to organs.

### Hazard summary

<b>Physical hazards</b>	Flammable.
<b>Health hazards</b>	Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. Occupational exposure to the substance or mixture may cause adverse health effects.
<b>Environmental hazards</b>	Not classified for hazards to the environment.
<b>Specific hazards</b>	Not available.
<b>Main symptoms</b>	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Upper respiratory tract irritation. Irritation of eyes and mucous membranes. Skin irritation. Prolonged exposure may cause chronic effects.

### Label elements

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

<b>Contains:</b>	METHANOL, METHYL HEXANOATE, METHYL OCTANOATE
<b>Identification number</b>	-



<b>Signal word</b>	Danger
<b>Hazard statements</b>	May damage fertility. May damage the unborn child. May cause damage to organs.

### Precautionary statements

<b>Prevention</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
<b>Response</b>	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
<b>Storage</b>	Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.

**Supplemental label information** Not applicable.

**Other hazards** Not assigned.

**Emergency overview** May be ignited by heat, sparks or flames. Toxic if swallowed. Toxic in contact with skin. May cause reproductive effects. May cause damage to organs.

## Section 3: Composition/information on ingredients

### Substance

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
METHYL HEXANOATE	83-92	106-70-7 203-425-1	-	-	#
<b>Classification:</b>	<b>DSD:</b> R10, Xi;R36/38				
	<b>CLP:</b> Flam. Liq. 3;H226, Skin Irrit. 2;H315, Eye Irrit. 2;H319				
METHYL OCTANOATE	1-12	111-11-5 203-835-0	-	-	
<b>Classification:</b>	<b>DSD:</b> Xi;R36/38				
	<b>CLP:</b> -				

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
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METHANOL	<5	67-56-1 200-659-6	-	603-001-00-X	#
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**Classification:** **DSD:** F;R11, T;R39/23/24/25  
**CLP:** Flam. Liq. 2;H225, Acute Tox. 3;H301, Acute Tox. 3;H311, Acute Tox. 3;H331, STOT SE 1;H370

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

## Section 4: First aid measures

**General information** Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

### Description of first aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.

**Skin contact** Take off immediately all contaminated clothing. Wash off with soap and plenty of water. For minor skin contact, avoid spreading material on unaffected skin. Call a POISON CENTER or doctor/physician if you feel unwell.

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

**Ingestion** Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Most important symptoms and effects, both acute and delayed** Not available.

**Indication of any immediate medical attention and special treatment needed** In case of shortness of breath, give oxygen. Keep victim warm. Symptoms may be delayed.

## Section 5: Firefighting measures

**General fire hazards** Not available.

### Extinguishing media

**Suitable extinguishing media** Water fog.

**Unsuitable extinguishing media** Water. Do not use water jet as an extinguisher, as this will spread the fire.

**Special hazards arising from the substance or mixture** By heating and fire, harmful vapors/gases may be formed.

### Advice for firefighters

**Special protective equipment for firefighters** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.

**Special firefighting procedures** In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Immediately evacuate personnel to safe areas. Local authorities should be advised if significant spillages cannot be contained. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

**For emergency responders** Not available.

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

**Methods and material for containment and cleaning up** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb spillage with non-combustible, absorbent material. Following product recovery, flush area with water.

Small Spills: Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS.

**Reference to other sections** Not available.

## Section 7: Handling and storage

**Precautions for safe handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Do not breathe dust or mist. Do not taste or swallow. Avoid contact with skin. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Avoid contact with clothing. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.

**Conditions for safe storage, including any incompatibilities** Store locked up. Keep away from heat, sparks and open flame. Store in cool place. Refrigeration recommended. Store in a well-ventilated place. Keep container tightly closed. Keep in an area equipped with sprinklers. Keep out of the reach of children.

**Specific end use(s)** Not available.

## Section 8: Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

##### Austria. MAK List

Components	Type	Value
METHANOL (67-56-1)	MAK	260 mg/m <sup>3</sup> 200 ppm
	STEL	1040 mg/m <sup>3</sup> 800 ppm

##### Belgium. Exposure Limit Values.

Components	Type	Value
METHANOL (67-56-1)	STEL	333 mg/m <sup>3</sup> 250 ppm
	TWA	266 mg/m <sup>3</sup> 200 ppm

##### Bulgaria. OELs. Regulation No 13 of Ministry of Labor & Social Policy, with Ministry of Health, on protection of workers related to exposure to chemical agents at work

Components	Type	Value
METHANOL (67-56-1)	TWA	50 mg/m <sup>3</sup>

**Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	TWA	200 ppm 260 mg/m <sup>3</sup>

**Czech Republic. OELs. Government Decree 361**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	Ceiling TWA	1000 mg/m <sup>3</sup> 250 mg/m <sup>3</sup>

**Denmark. Exposure Limit Values**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	TLV	200 ppm 260 mg/m <sup>3</sup>

**Estonia. OELs. Occupational Exposure Limit Values for Hazardous Substances (Minister of Social Affairs Regulation No. 57)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	STEL	350 mg/m <sup>3</sup> 250 ppm
	TWA	250 mg/m <sup>3</sup> 200 ppm

**Finland. Workplace Exposure Limits**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	STEL	330 mg/m <sup>3</sup> 250 ppm
	TWA	270 mg/m <sup>3</sup> 200 ppm

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	VLE	1300 mg/m <sup>3</sup> 1000 ppm
	VME	260 mg/m <sup>3</sup> 200 ppm

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	TWA	200 ppm 270 mg/m <sup>3</sup>

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	AGW	200 ppm 270 mg/m <sup>3</sup>

**Greece. OELs (Decree No. 90/1999, as amended)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	STEL	325 mg/m <sup>3</sup> 250 ppm
	TWA	260 mg/m <sup>3</sup> 200 ppm

**Hungary. OELs. Joint Decree on Chemical Safety of Workplaces**

<b>Components</b>	<b>Type</b>	<b>Value</b>
METHANOL (67-56-1)	TWA	260 mg/m <sup>3</sup>

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits**

Components	Type	Value
METHANOL (67-56-1)	TWA	200 ppm 260 mg/m <sup>3</sup>

**Ireland. Occupational Exposure Limits**

Components	Type	Value
METHANOL (67-56-1)	STEL	310 mg/m <sup>3</sup> 250 ppm
	TWA	260 mg/m <sup>3</sup> 200 ppm

**Italy. OELs**

Components	Type	Value
METHANOL (67-56-1)	TWA	200 ppm 260 mg/m <sup>3</sup>

**Latvia. OELs. Occupational exposure limit values of chemical substances in work environment**

Components	Type	Value
METHANOL (67-56-1)	TWA	200 ppm 260 mg/m <sup>3</sup>

**Lithuania. OELs. Occupational Exposure Limit Values for Hazardous Chemical Substance Concentration, General Requirements (No. 645/169)**

Components	Type	Value
METHANOL (67-56-1)	TWA	260 mg/m <sup>3</sup> 200 ppm
METHYL HEXANOATE (106-70-7)	TWA	1 mg/m <sup>3</sup>

**Luxembourg. OELs**

Components	Type	Value
METHANOL (67-56-1)	TWA	200 ppm 260 mg/m <sup>3</sup>

**Netherlands. OELs (binding)**

Components	Type	Value
METHANOL (67-56-1)	TWA	133 mg/m <sup>3</sup>

**Norway. Administrative Norms for Contaminants in the Workplace**

Components	Type	Value
METHANOL (67-56-1)	TLV	100 ppm 130 mg/m <sup>3</sup>

**Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment**

Components	Type	Value
METHANOL (67-56-1)	STEL	300 mg/m <sup>3</sup>
	TWA	100 mg/m <sup>3</sup>

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

Components	Type	Value
METHANOL (67-56-1)	STEL	250 ppm
	TWA	200 ppm 260 mg/m <sup>3</sup>

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

Components	Type	Value
METHANOL (67-56-1)	STEL	5 ppm

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

Components	Type	Value
	TWA	200 ppm 260 mg/m <sup>3</sup>

**Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents**

Components	Type	Value
METHANOL (67-56-1)	TWA	200 ppm 260 mg/m <sup>3</sup>

**Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)**

Components	Type	Value
METHANOL (67-56-1)	TWA	200 ppm 260 mg/m <sup>3</sup>

**Spain. Occupational Exposure Limits**

Components	Type	Value
METHANOL (67-56-1)	TWA	200 ppm 266 mg/m <sup>3</sup>

**Sweden. Occupational Exposure Limit Values**

Components	Type	Value
METHANOL (67-56-1)	STEL	350 mg/m <sup>3</sup> 250 ppm
	TWA	250 mg/m <sup>3</sup> 200 ppm

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

Components	Type	Value
METHANOL (67-56-1)	STEL	1040 mg/m <sup>3</sup> 800 ppm
	TWA	260 mg/m <sup>3</sup> 200 ppm

**UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value
METHANOL (67-56-1)	STEL	333 mg/m <sup>3</sup> 250 ppm
	TWA	266 mg/m <sup>3</sup> 200 ppm

**Biological limit values****France. Biological indicators of exposure (IBE) (National Institute for Research and Security (INRS, ND 2065))**

Components	Value	Determinant	Specimen	Sampling Time
METHANOL (67-56-1)	15 mg/l	Méthanol	Urine	Sampling time: End of shift.

**Recommended monitoring procedures**

Not available.

**DNEL**

Not available.

**PNEC**

Not available.

**Exposure controls****Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation.

**Individual protection measures, such as personal protective equipment****General information**

Wear chemical protective equipment that is specifically recommended by the manufacturer. Eye wash fountain is recommended.

<b>Eye/face protection</b>	Wear eye/face protection. Wear chemical protective equipment that is specifically recommended by the manufacturer.
<b>Skin protection</b>	
- <b>Hand protection</b>	Wear protective gloves.
- <b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Not available.
<b>Hygiene measures</b>	When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Avoid contact with clothing. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental exposure controls</b>	Not available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Oily.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Clear.
<b>Odor</b>	Strong., Pungent.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Boiling point, initial boiling point, and boiling range</b>	199,4 - 300,2 °F (93 - 149 °C) at 760 mm Hg (101,3kPa)
<b>Flash point</b>	80,6 °F (27 °C) Abel Pensky
<b>Flammability (solid, gas)</b>	Not available.
<b>Oxidizing properties</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.
<b>Explosive limit</b>	Not applicable.
<b>Vapor pressure</b>	62,1 mm Hg at 75 F (23,9 C)
<b>Vapor density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Relative density</b>	Not available.
<b>Density</b>	0,8294 g/cm <sup>3</sup> estimated
<b>Solubility (water)</b>	Negligible at 72 F (22 C)
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other data</b>	
<b>Specific gravity</b>	0,829482948 estimated
<b>Other information</b>	No relevant additional information available.

## Section 10: Stability and reactivity

<b>Reactivity</b>	Oxidizing agents. Strong bases.
<b>Chemical stability</b>	Risk of ignition.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks. Avoid temperatures exceeding the flash point.
<b>Incompatible materials</b>	Not available.
<b>Hazardous decomposition products</b>	Upon decomposition this product emits acrid dense smoke with carbon dioxide, carbon monoxide, water and other products of combustion.

**Section 11: Toxicological information****General information** Not available.**Information on likely routes of exposure**

**Ingestion** Toxic if swallowed.  
**Inhalation** Toxic by inhalation.  
**Skin contact** Toxic in contact with skin.  
**Eye contact** Causes serious eye irritation.

**Symptoms** Not available.**Information on toxicological effects****Acute toxicity** Toxic by inhalation. Toxic if swallowed. Toxic in contact with skin.**Product****Test Results**

CE-685 (EU) (Mixture)

Acute Inhalation LC50 Cat: 873,6 mg/l estimated  
 Acute Inhalation LC50 Rat: 1750 mg/l estimated  
 Acute Oral LD50 Monkey: 40 g/kg estimated  
 Acute Oral LD50 Rabbit: 288 g/kg estimated  
 Acute Oral LD50 Rat: 5,6126 g/kg estimated  
 Acute Other LD50 Guinea pig: 71120 mg/kg estimated  
 Acute Other LD50 Monkey: 60 g/kg estimated  
 Acute Other LD50 Mouse: 82000 mg/kg estimated  
 Acute Other LD50 Rabbit: 36520 mg/kg estimated  
 Acute Other LD50 Rat: 42620 mg/kg estimated

**Components****Test Results**

METHYL HEXANOATE (106-70-7)

Dermal Rabbit: Skin Irritation - PII=2.78 (OECD Test Guideline 404)  
 Acute Oral LD50 Rat: >= 5 g/kg

METHYL OCTANOATE (111-11-5)

Other Rabbit: Based on C810 ME Mixtures. Undiluted-mild transient eye irritation  
 Acute Oral LD50 Rat: 20,5 g/kg  
 Acute Oral LD50 Rat: Based on C8-10 ME. Expected to be greater than 23 g/kg of body weight.

METHANOL (67-56-1)

Acute Dermal LD50 Rabbit: 15800 mg/kg  
 Acute Inhalation LC50 Cat: 43,68 mg/l 6 Hours  
 Acute Inhalation LC50 Rat: 87,5 mg/l 6 Hours  
 Acute Oral LD50 Dog: 8000 mg/kg  
 Acute Oral LD50 Monkey: 2 g/kg  
 Acute Oral LD50 Mouse: 7300 mg/kg  
 Acute Oral LD50 Rabbit: 14,4 g/kg  
 Acute Oral LD50 Rat: 5628 mg/kg  
 Acute Other LD50 Guinea pig: 3556 mg/kg  
 Acute Other LD50 Hamster: 8555 mg/kg  
 Acute Other LD50 Monkey: 3 g/kg  
 Acute Other LD50 Mouse: 4100 mg/kg  
 Acute Other LD50 Rabbit: 1826 mg/kg  
 Acute Other LD50 Rat: 2131 mg/kg

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes skin irritation.**Serious eye damage/eye irritation** Causes serious eye irritation.

<b>Respiratory sensitization</b>	Not available.
<b>Skin sensitization</b>	Toxic in contact with skin.
<b>Germ cell mutagenicity</b>	Not available.
<b>Carcinogenicity</b>	Not classified.
<b>Reproductive toxicity</b>	May damage fertility or the unborn child.
<b>Specific target organ toxicity - single exposure</b>	Central nervous system. Systemic toxicity. Visual organs.
<b>Specific target organ toxicity - repeated exposure</b>	Central nervous system. Visual organs.
<b>Aspiration hazard</b>	Not available.
<b>Mixture versus substance information</b>	Not available.
<b>Other information</b>	Not available.

## Section 12: Ecological information

### Toxicity

Product	Test Results
CE-685 (EU) (Mixture)	LC50 Fish: 6405,8911 mg/l 96 hours estimated
Components	Test Results
METHYL OCTANOATE (111-11-5)	LC50 Bluegill ( <i>Lepomis macrochirus</i> ): 423 mg/l 96 hours (Based on C8-10 mixture)
METHANOL (67-56-1)	EC50 Water flea ( <i>Daphnia magna</i> ): > 10000 mg/l 48 hours LC50 Fathead minnow ( <i>Pimephales promelas</i> ): > 100 mg/l 96 hours

\* Estimates for product may be based on additional component data not shown.

<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	Not available.
<b>Mobility</b>	Not available.
<b>Environmental fate - Partition coefficient</b>	Not available.
<b>Mobility in soil</b>	Not available.
<b>Results of PBT and vPvB assessment</b>	Not available.
<b>Other adverse effects</b>	Not available.
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Persistence / degradability</b>	No data is available on the degradability of this product.

## Section 13: Disposal considerations

### Waste treatment methods

<b>Residual waste</b>	Not available.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EU waste code</b>	Not available.
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 14: Transport information

### ADR

<b>UN number</b>	UN3272
<b>UN proper shipping name</b>	ESTERS, N.O.S. (METHANOL, METHYL OCTANOATE)
<b>Transport hazard class(es)</b>	3
<b>Subsidiary class(es)</b>	-
<b>Packing group</b>	III

Environmental hazards No  
Tunnel restriction code D/E  
Labels required 3  
Special precautions for user Not available.

#### RID

UN number UN3272  
UN proper shipping name ESTERS, N.O.S. (METHANOL, METHYL OCTANOATE)  
Transport hazard class(es) 3  
Subsidiary class(es) -  
Packing group III  
Environmental hazards No  
Labels required 3  
Special precautions for user Not available.

#### ADN

UN number UN3272  
UN proper shipping name Esters, N.o.s. (METHANOL, METHYL OCTANOATE)  
Transport hazard class(es) 3  
Subsidiary class(es) -  
Packing group III  
Environmental hazards No  
Labels required 3  
Special precautions for user Not available.

#### IATA

UN number UN3272  
UN proper shipping name Esters, n.o.s. (METHANOL, METHYL OCTANOATE)  
Transport hazard class(es) 3  
Subsidiary class(es) -  
Packing group III  
Environmental hazards No  
ERG Code 3L  
Special precautions for user Not available.

#### IMDG

UN number UN3272  
UN proper shipping name ESTERS, N.O.S. (METHANOL, METHYL OCTANOATE)  
Transport hazard class(es) 3  
Subsidiary class(es) -  
Packing group III  
Marine pollutant No  
EmS No. F-E, S-D  
Special precautions for user Not available.



ADR



RID



ADN



IATA



IMDG

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.

Commission Decision 2000/479/EC on the implementation of a European pollutant emission register (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)	Yes
Canada	Domestic Substances List (DSL)	Yes
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)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Switzerland	Switzerland FOPH	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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**

R10 Flammable.  
R11 Highly flammable.  
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
R36/38 Irritating to eyes and skin.  
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.  
H225 - Highly flammable liquid and vapor.  
H226 - Flammable liquid and vapor.  
H301 - Toxic if swallowed.  
H311 - Toxic in contact with skin.  
H315 - Causes skin irritation.

H319 - Causes serious eye irritation.  
H331 - Toxic if inhaled.  
H370 - Causes damage to organs.

**Revision information**

Product and Company Identification: Product and Company Identification  
Regulatory Information: Risk Phrases - Labeling

**Training information**

Not available.

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. 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.

The information contained herein has been compiled from sources considered by Procter & 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 & 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.

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