

# SAFETY DATA SHEET



Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2015/830

## POWER WIPES

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

#### 1.1. Product identifier

**Product name** : POWER WIPES  
**Registration number REACH** : Not applicable (mixture)  
**Product type REACH** : Special carrier material containing a substance/mixture  
: The information refers to the substance/mixture

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

##### 1.2.1 Relevant identified uses

Cleansing product  
Degreasing agent

##### 1.2.2 Uses advised against

No uses advised against known

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

##### Supplier of the safety data sheet

TEC7\*  
Industrielaan 5B  
B-2250 Olen  
☎ +32 14 85 97 37  
☎ +32 14 85 97 38  
info@tec7.be  
\*TEC7 is a registered trademark of Novatech International N.V.

##### Manufacturer of the product

Novatech International N.V.  
Industrielaan 5B  
B-2250 Olen  
☎ +32 14 85 97 37  
☎ +32 14 85 97 38  
info@tec7.be

##### Distributor of the product

Olmurtech  
P.O. BOX 5939  
Brendale DC, QLD. 4500  
Australia  
☎ +61 0 426 177 310  
[www.olmurtech.com.au](http://www.olmurtech.com.au)

#### 1.4. Emergency telephone number

Poisons Information Centre ☎ 13 11 26

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to the criteria of Regulation (EC) No 1272/2008 is not applicable to cosmetic products

#### 2.2. Label elements

Labelling is not applicable to cosmetic products

#### 2.3. Other hazards

Gas/vapour spreads at floor level: ignition hazard

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

# POWER WIPES

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark
ethanol 01-2119457610-43	64-17-5 200-578-6	30%<C<60%	Flam. Liq. 2; H225	(1)(2)(10)	Constituent

- (1) For H-statements in full: see heading 16  
(2) Substance with a Community workplace exposure limit  
(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General:

If you feel unwell, seek medical advice.

#### After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

#### After skin contact:

Not applicable.

#### After eye contact:

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.

#### After ingestion:

Not applicable.

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

#### 4.2.1 Acute symptoms

##### After inhalation:

EXPOSURE TO HIGH CONCENTRATIONS: Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Headache.

##### After skin contact:

No effects known.

##### After eye contact:

Slight irritation.

##### After ingestion:

No effects known.

#### 4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### 5.1.1 Suitable extinguishing media:

Small fire: Quick-acting ABC powder extinguisher, Class A foam extinguisher, Water (quick-acting extinguisher, reel).

Major fire: Water, Class A foam.

#### 5.1.2 Unsuitable extinguishing media:

Small fire: Quick-acting BC powder extinguisher, Quick-acting CO2 extinguisher.

### 5.2. Special hazards arising from the substance or mixture

Upon combustion: CO and CO2 are formed.

### 5.3. Advice for firefighters

#### 5.3.1 Instructions:

No specific fire-fighting instructions required.

#### 5.3.2 Special protective equipment for fire-fighters:

Gloves. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment.

#### 6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

#### 6.1.2 Protective equipment for emergency responders

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Gloves. Protective clothing.  
Suitable protective clothing  
See heading 8.2

## 6.2. Environmental precautions

Prevent spreading in sewers.

## 6.3. Methods and material for containment and cleaning up

Pick-up the material.

## 6.4. Reference to other sections

See heading 13.

## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 7.1. Precautions for safe handling

Keep away from naked flames/heat. Insufficient ventilation: keep naked flames/sparks away. Insufficient ventilation: use spark-/explosionproof appliances and lighting system. Observe normal hygiene standards. Keep container tightly closed. Do not discharge the waste into the drain.

### 7.2. Conditions for safe storage, including any incompatibilities

#### 7.2.1 Safe storage requirements:

Storage temperature: 0 °C - 40 °C. Store in a cool area. Store in a dry area. Keep container in a well-ventilated place. Protect against frost. Keep only in the original container. Meet the legal requirements.

#### 7.2.2 Keep away from:

Heat sources, ignition sources, combustible materials.

#### 7.2.3 Suitable packaging material:

No data available

#### 7.2.4 Non suitable packaging material:

No data available

### 7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 Occupational exposure

##### a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

#### Belgium

Alcool éthylique	Time-weighted average exposure limit 8 h	1000 ppm
	Time-weighted average exposure limit 8 h	1907 mg/m <sup>3</sup>

#### The Netherlands

Ethanol	Time-weighted average exposure limit 8 h (Public occupational exposure limit value)	136 ppm
	Time-weighted average exposure limit 8 h (Public occupational exposure limit value)	260 mg/m <sup>3</sup>
	Short time value (Public occupational exposure limit value)	992 ppm
	Short time value (Public occupational exposure limit value)	1900 mg/m <sup>3</sup>

#### France

Alcool éthylique	Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative)	1000 ppm
	Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative)	1900 mg/m <sup>3</sup>
	Short time value (VL: Valeur non réglementaire indicative)	5000 ppm
	Short time value (VL: Valeur non réglementaire indicative)	9500 mg/m <sup>3</sup>

#### Germany

Ethanol	Time-weighted average exposure limit 8 h (TRGS 900)	500 ppm
	Time-weighted average exposure limit 8 h (TRGS 900)	960 mg/m <sup>3</sup>

#### UK

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Ethanol	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	1000 ppm
	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	1920 mg/m <sup>3</sup>

## USA (TLV-ACGIH)

Ethanol	Short time value (TLV - Adopted Value)	1000 ppm
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## b) National biological limit values

If limit values are applicable and available these will be listed below.

### 8.1.2 Sampling methods

Product name	Test	Number
Ethanol (Volatile Organic compounds)	NIOSH	2549
ethanol	NIOSH	8002
Ethyl Alcohol (Ethanol)(Alcohols I)	NIOSH	1400
Ethyl Alcohol	OSHA	100

### 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

### 8.1.4 DNEL/PNEC values

#### DNEL/DMEL - Workers

ethanol

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	950 mg/m <sup>3</sup>	
	Acute local effects inhalation	1900 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	343 mg/kg bw/day	

#### DNEL/DMEL - General population

ethanol

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	114 mg/m <sup>3</sup>	
	Acute local effects inhalation	950 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	206 mg/kg bw/day	
	Long-term systemic effects oral	87 mg/kg bw/day	

#### PNEC

ethanol

Compartments	Value	Remark
Fresh water	0.96 mg/l	
Marine water	0.79 mg/l	
Aqua (intermittent releases)	2.75 mg/l	
Fresh water sediment	3.6 mg/kg sediment dw	
Marine water sediment	2.9 mg/kg dwt	
Soil	0.63 mg/kg soil dw	
STP	580 mg/l	
Food	0.72 mg/kg food	

### 8.1.5 Control banding

If applicable and available it will be listed below.

## 8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Insufficient ventilation: keep naked flames/sparks away. Insufficient ventilation: use spark-/explosionproof appliances and lighting system. Measure the concentration in the air regularly. Work under local exhaust/ventilation.

### 8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

#### a) Respiratory protection:

Respiratory protection not required in normal conditions. Wear gas mask with filter type A if conc. in air > exposure limit.

#### b) Hand protection:

Hand protection not required in normal conditions.

#### c) Eye protection:

Eye protection not required in normal conditions.

#### d) Skin protection:

Skin protection not required in normal conditions.

### 8.2.3 Environmental exposure controls:

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See headings 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical form	Moistened tissues
Odour	Fruity odour
Odour threshold	No data available
Colour	White
Particle size	No data available
Explosion limits	No data available
Flammability	During use, may form a flammable vapour-air mixture
Log Kow	Not applicable (mixture)
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	No data available
Flash point	24 °C
Evaporation rate	No data available
Relative vapour density	Not applicable
Vapour pressure	No data available
Solubility	No data available
Relative density	No data available
Decomposition temperature	No data available
Auto-ignition temperature	No data available
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	5.0 - 8.0

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

#### Precautionary measures

Keep away from naked flames/heat. Insufficient ventilation: keep naked flames/sparks away. Insufficient ventilation: use spark-/explosionproof appliances and lighting system.

### 10.5. Incompatible materials

Combustible materials.

### 10.6. Hazardous decomposition products

Upon combustion: CO and CO<sub>2</sub> are formed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### 11.1.1 Test results

#### Acute toxicity

#### POWER WIPES

No (test)data on the mixture available

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## ethanol

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	OECD 401	10740 mg/kg bw		Rat (male/female)	Experimental value	
Dermal	LD50		> 16000 mg/kg		Rabbit	Literature study	
Inhalation	LC50	Equivalent to OECD 403	117 mg/l air - 125 mg/l air	4 h	Rat (male/female)	Experimental value	

### Conclusion

Classification according to the criteria of Regulation (EC) No 1272/2008 is not applicable to cosmetic products

### Corrosion/irritation

#### POWER WIPES

No (test)data on the mixture available

## ethanol

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Not irritating	OECD 405		24; 48; 72 hours	Rabbit	Experimental value	
Skin	Not irritating	OECD 404	24 h	1; 2; 3; 4; 5; 7 days	Rabbit	Experimental value	

### Conclusion

Classification according to the criteria of Regulation (EC) No 1272/2008 is not applicable to cosmetic products

### Respiratory or skin sensitisation

#### POWER WIPES

No (test)data on the mixture available

## ethanol

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	Equivalent to OECD 429			Mouse (male/female)	Experimental value	

### Conclusion

Classification according to the criteria of Regulation (EC) No 1272/2008 is not applicable to cosmetic products

### Specific target organ toxicity

#### POWER WIPES

No (test)data on the mixture available

## ethanol

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral	NOAEL	Equivalent to OECD 408	1280 mg/kg		No effect	7 weeks (daily) - 14 weeks (daily)	Rat (male/female)	Experimental value
Dermal								Data waiving
Inhalation (vapours)	NOAEC	Subacute toxicity test	≥ 6130 ppm		No effect	4 weeks (6h/day, 5 days/week)	Rat (male/female)	Experimental value

### Conclusion

Classification according to the criteria of Regulation (EC) No 1272/2008 is not applicable to cosmetic products

### Mutagenicity (in vitro)

#### POWER WIPES

No (test)data on the mixture available

## ethanol

Result	Method	Test substrate	Effect	Value determination
Negative	Equivalent to OECD 471	Bacteria (S.typhimurium)		Experimental value
Negative	Equivalent to OECD 476	Mouse (lymphoma L5178Y cells)		Experimental value

### Mutagenicity (in vivo)

#### POWER WIPES

No (test)data on the mixture available

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## ethanol

Result	Method	Exposure time	Test substrate	Organ	Value determination
Ambiguous	Equivalent to OECD 478	5 day(s)	Mouse (male)		Experimental value
Negative	Equivalent to OECD 474	23 day(s)	Rat (male)		Weight of evidence

### Conclusion

Classification according to the criteria of Regulation (EC) No 1272/2008 is not applicable to cosmetic products

## Carcinogenicity

### POWER WIPES

No (test)data on the mixture available

## ethanol

Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Oral	NOAEL	Equivalent to OECD 451	> 3000 mg/kg bw/day	104 week(s)	Rabbit (male/female)	No effect		Weight of evidence

### Conclusion

Classification according to the criteria of Regulation (EC) No 1272/2008 is not applicable to cosmetic products

## Reproductive toxicity

### POWER WIPES

No (test)data on the mixture available

## ethanol

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL		5200 mg/kg bw/day	6 week(s)	Rat (female)	No effect	Foetus	Experimental value
Effects on fertility	NOAEL (P)	Equivalent to OECD 416	15 %		Mouse (male/female)	No effect		Experimental value
	NOAEL (F1)	Equivalent to OECD 416	10 %		Mouse (male/female)	No effect		Experimental value
	NOAEL (F2)	Equivalent to OECD 416	< 15 %		Mouse (male/female)	No effect		Experimental value

### Conclusion

Classification according to the criteria of Regulation (EC) No 1272/2008 is not applicable to cosmetic products

## Toxicity other effects

### POWER WIPES

No (test)data on the mixture available

## Chronic effects from short and long-term exposure

### POWER WIPES

No effects known.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### POWER WIPES

No (test)data on the mixture available

# POWER WIPES

## ethanol

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	US EPA	14200 mg/l	96 h	Pimephales promelas	Flow-through system	Fresh water	Experimental value
Acute toxicity crustacea	LC50	ASTM E729-80	12340 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; Nominal concentration
	LC50	Other	10100 mg/l	18 h	Palaemonetes kadiakensis	Static system	Fresh water	Experimental value
Toxicity algae and other aquatic plants	EC50	Equivalent to OECD 201	275 mg/l	72 h	Chlorella vulgaris	Static system	Fresh water	Experimental value; Growth rate
Long-term toxicity fish	ChV	ECOSAR v1.00	245 mg/l	30 day(s)			Fresh water	QSAR
Long-term toxicity aquatic crustacea	NOEC	Other	9.6 mg/l	9 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental value
Toxicity aquatic micro-organisms	IC50	OECD 209	> 1000 mg/l	3 h	Activated sludge	Static system	Fresh water	Read-across

	Parameter	Method	Value	Duration	Species	Value determination
Toxicity soil macro-organisms	LC50	Other	0.1 mg/cm <sup>2</sup> - 1 mg/cm <sup>2</sup>	48 h	Eisenia fetida	Experimental value
Toxicity terrestrial plants	EC50		155 ppm	5 day(s)	Raphanus sativus	Experimental value

### Conclusion

Classification according to the criteria of Regulation (EC) No 1272/2008 is not applicable to cosmetic products

## 12.2. Persistence and degradability

### ethanol

#### Biodegradation water

Method	Value	Duration	Value determination
OECD	75 % - 84 %	20 day(s)	Experimental value
OECD 301E: Modified OECD Screening Test	70 %		Experimental value

#### Phototransformation air (DT50 air)

Method	Value	Conc. OH-radicals	Value determination
Other	13.8 h	500000 /cm <sup>3</sup>	Experimental value

#### Half-life water (t1/2 water)

Method	Value	Primary degradation/mineralisation	Value determination
Other	1 year(s) - 36 year(s)		Experimental value

### Conclusion

The surfactant(s) is/are biodegradable

## 12.3. Bioaccumulative potential

### POWER WIPES

#### Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

### ethanol

#### BCF fishes

Parameter	Method	Value	Duration	Species	Value determination
BCF	Other	1	72 h	Cyprinus carpio	Read-across

#### Log Kow

Method	Remark	Value	Temperature	Value determination
		-0.31		Experimental value

### Conclusion

Does not contain bioaccumulative component(s)

## 12.4. Mobility in soil

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# POWER WIPES

ethanol

## (log) Koc

Parameter	Method	Value	Value determination
Koc	PCKOCWIN v1.66	1	Read-across

## Volatility (Henry's Law constant H)

Value	Method	Temperature	Remark	Value determination
0.461 Pa.m <sup>3</sup> /mol		25 °C		Read-across

## Percent distribution

Method	Fraction air	Fraction biota	Fraction sediment	Fraction soil	Fraction water	Value determination
Mackay level I	12.5 %	0 %	0 %	0 %	87.5 %	Calculated value

## Conclusion

Contains component(s) with potential for mobility in the soil

## 12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

## 12.6. Other adverse effects

### POWER WIPES

#### Fluorinated greenhouse gases (Regulation (EU) No 517/2014)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

#### Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 13.1. Waste treatment methods

#### 13.1.1 Provisions relating to waste

##### European Union

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

15 02 02\* (absorbents, filter materials, wiping cloths and protective clothing: absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable.

#### 13.1.2 Disposal methods

Incinerate under surveillance with energy recovery. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into drains or the environment.

#### 13.1.3 Packaging/Container

##### European Union

Waste material code packaging (Directive 2008/98/EC).

15 01 10\* (packaging containing residues of or contaminated by dangerous substances).

## SECTION 14: Transport information

### Road (ADR)

#### 14.1. UN number

UN number	3175
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#### 14.2. UN proper shipping name

Proper shipping name	Solids containing flammable liquid, n.o.s. (ethanol)
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#### 14.3. Transport hazard class(es)

Hazard identification number	40
Class	4.1
Classification code	F1

#### 14.4. Packing group

Packing group	II
Labels	4.1

#### 14.5. Environmental hazards

Environmentally hazardous substance mark	no
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#### 14.6. Special precautions for user

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Special provisions	216
Special provisions	274
Special provisions	601
Limited quantities	Combination packagings: not more than 1 kg per inner packaging for solids. A package shall not weigh more than 30 kg. (gross mass)

## Rail (RID)

### 14.1. UN number

UN number	3175
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### 14.2. UN proper shipping name

Proper shipping name	Solids containing flammable liquid, n.o.s. (ethanol)
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### 14.3. Transport hazard class(es)

Hazard identification number	40
Class	4.1
Classification code	F1

### 14.4. Packing group

Packing group	II
Labels	4.1

### 14.5. Environmental hazards

Environmentally hazardous substance mark	no
--	----

### 14.6. Special precautions for user

Special provisions	216
Special provisions	274
Special provisions	601
Limited quantities	Combination packagings: not more than 1 kg per inner packaging for solids. A package shall not weigh more than 30 kg. (gross mass)

## Inland waterways (ADN)

### 14.1. UN number

UN number	3175
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### 14.2. UN proper shipping name

Proper shipping name	Solids containing flammable liquid, n.o.s. (ethanol)
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### 14.3. Transport hazard class(es)

Class	4.1
Classification code	F1

### 14.4. Packing group

Packing group	II
Labels	4.1

### 14.5. Environmental hazards

Environmentally hazardous substance mark	no
--	----

### 14.6. Special precautions for user

Special provisions	216
Special provisions	274
Special provisions	601
Special provisions	800
Limited quantities	Combination packagings: not more than 1 kg per inner packaging for solids. A package shall not weigh more than 30 kg. (gross mass)

## Sea (IMDG/IMSBC)

### 14.1. UN number

UN number	3175
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### 14.2. UN proper shipping name

Proper shipping name	solids containing flammable liquid, n.o.s. (ethanol)
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### 14.3. Transport hazard class(es)

Class	4.1
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### 14.4. Packing group

Packing group	II
Labels	4.1

### 14.5. Environmental hazards

Marine pollutant	-
Environmentally hazardous substance mark	no

### 14.6. Special precautions for user

Special provisions	216
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# POWER WIPES

Special provisions	274
Limited quantities	Combination packagings: not more than 1 kg per inner packaging for solids. A package shall not weigh more than 30 kg. (gross mass)

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Annex II of MARPOL 73/78	Not applicable
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## Air (ICAO-TI/IATA-DGR)

14.1. UN number

UN number	3175
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14.2. UN proper shipping name

Proper shipping name	Solids containing flammable liquid, n.o.s. (ethanol)
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14.3. Transport hazard class(es)

Class	4.1
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14.4. Packing group

Packing group	II
Labels	4.1

14.5. Environmental hazards

Environmentally hazardous substance mark	no
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14.6. Special precautions for user

Special provisions	A46
Limited quantities: maximum net quantity per packaging	5 kg

## SECTION 15: Regulatory information

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

#### European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
30 % - 60 %	

Ingredients according to Regulation (EC) No 648/2004 and amendments  
perfumes

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

	Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
ethanol	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	<ol style="list-style-type: none"> <li>1. Shall not be used in:                             <ul style="list-style-type: none"> <li>— ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,</li> <li>— tricks and jokes,</li> <li>— games for one or more participants, or any article intended to be used as such, even with ornamental aspects,</li> </ul> </li> <li>2. Articles not complying with paragraph 1 shall not be placed on the market.</li> <li>3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:                             <ul style="list-style-type: none"> <li>— can be used as fuel in decorative oil lamps for supply to the general public, and,</li> <li>— present an aspiration hazard and are labelled with R65 or H304,</li> </ul> </li> <li>4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).</li> <li>5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:                             <ol style="list-style-type: none"> <li>a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life-threatening lung damage";</li> <li>b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead to life threatening lung damage";</li> <li>c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.</li> </ol> </li> <li>6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public.</li> <li>7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.'</li> </ol>

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ethanol	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to that Regulation or not.	<p>1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:</p> <ul style="list-style-type: none"> <li>— metallic glitter intended mainly for decoration,</li> <li>— artificial snow and frost,</li> <li>— “whoopee” cushions,</li> <li>— silly string aerosols,</li> <li>— imitation excrement,</li> <li>— horns for parties,</li> <li>— decorative flakes and foams,</li> <li>— artificial cobwebs,</li> <li>— stink bombs.</li> </ul> <p>2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with: “For professional users only”.</p> <p>3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/ 324/EEC.</p> <p>4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.</p>
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## National legislation Belgium

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No data available

## National legislation The Netherlands

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Waterbezwaarlijkheid	B (5)
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### ethanol

Huidopname (wettelijk)	Ethanol; H
SZW - Lijst van kankerverwekkende stoffen	Ethanol; Listed in SZW-list of carcinogenic substances
SZW - Lijst van voor de voortplanting giftige stoffen (ontwikkeling)	Ethanol; 1A; May damage the unborn child.
SZW - Lijst van voor de voortplanting giftige stoffen (vruchtbaarheid)	Ethanol; 1A; May damage fertility.
SZW - Lijst van voor de voortplanting giftige stoffen (borstvoeding)	Ethanol; May cause harm to breastfed babies

## National legislation France

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No data available

## National legislation Germany

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WGK	1; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
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### ethanol

TA-Luft	5.2.5
TRGS900 - Risiko der Fruchtschädigung	Ethanol; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes nicht befürchtet zu werden

## National legislation United Kingdom

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No data available

## Other relevant data

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No data available

### ethanol

TLV - Carcinogen	Ethanol; A3
IARC - classification	1; Alcohol beverages

## 15.2. Chemical safety assessment

No chemical safety assessment has been conducted for the mixture.

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## SECTION 16: Other information

### Full text of any H-statements referred to under heading 3:

H225 Highly flammable liquid and vapour.

(*)	INTERNAL CLASSIFICATION BY BIG
CLP (EU-GHS)	Classification, labelling and packaging (Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EC50	Effect Concentration 50 %
ErC50	EC50 in terms of reduction of growth rate
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration
STP	Sludge Treatment Process
vPvB	very Persistent & very Bioaccumulative

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

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