



## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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### Glasgow Taxis Medi Fresh Air Freshener

Revision 0

Revision date 2020-05-18

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

##### 1.1. Product identifier

Product name	Glasgow Taxis Medi Fresh Air Freshener
Product code	QAFS850

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

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); [PC3] Air care products; ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC3] Air care products;
Description	Air Freshener.

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

Company	SUPAGARD LIMITED
Address	19-27 Gavinton Street Muirend Glasgow G44 3EF
Web	www.supagard.co.uk
Telephone	0141 633 5933
Fax	01416377219
Email	James.Smyth@supagard.com
Email address of the competent person	James.Smyth@supagard.com

##### 1.4. Emergency telephone number

Emergency telephone number	01416335933 8.30am to 5.00pm  National Poisons Information Service: For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)  If you are a healthcare professional with an enquiry please visit <a href="http://www.TOXBASE.org">www.TOXBASE.org</a>
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#### SECTION 2: Hazards identification

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

2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;
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##### 2.2. Label elements

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## 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	<p>Flam. Liq. 3: H226 - Flammable liquid and vapour.          Skin Sens. 1: H317 - May cause an allergic skin reaction.          Eye Irrit. 2: H319 - Causes serious eye irritation.          Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p>
Precautionary Statement: Prevention	<p>P102 - Keep out of reach of children.          P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p>
Precautionary Statement: Response	<p>P302+P352 - IF ON SKIN: Wash with plenty of water/ .          P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.          P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.          P337+P313 - If eye irritation persists: Get medical advice/attention.</p>
SUPPLEMENTAL HAZARD INFORMATION	Ingredients Medi-Fresh Air Freshener - Denatured Alcohol, Aqua, Parfum, Limonene.

## 2.3. Other hazards

Other hazards	This mixture is not classified as PBT or vPvB according to current EU criteria.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

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## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol: Ethyl Alcohol (Ethanol)		64-17-5	200-578-6	01-2119457610-43	50 - 60%	Flam. Liq. 2: H225; Eye Irrit. 2: H319;
2,2-dimethyl-1,3-dioxolan-4-ylmethanol		100-79-8	202-888-7	01-2120066005-66	1 - 10%	Eye Irrit. 2: H319;
2-(4-Methylcyclohex-3-en-1yl)propan-2-ol		8000-41-7	232-268-1	01-2119553062-49	1 - 10%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 1: H410;
4-Isopropylidene-1-methylcyclohexene		586-62-9	209-578-0		0 - 0.5%	Asp. Tox. 1: H304; Skin Sens. 1: H317; Aquatic Chronic 1: H410;
D-Limonene	601-029-00-7	5989-27-5	227-813-5		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
1-Isopropyl-4-methylbenzene		99-87-6	202-796-7		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Repr. 2: H361; Aquatic Chronic 2: H411;
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene (Alpha-Pinene)		80-56-8	201-291-9		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
1-Isopropyl-4-methylcyclohexa-1,4-diene		99-85-4	202-794-6		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304;
Longifolene		475-20-7	207-491-2		0 - 0.5%	Asp. Tox. 1: H304; Skin Sens. 1: H317; Aquatic Chronic 1: H410;
1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane		470-82-6	207-431-5		0 - 0.5%	Flam. Liq. 3: H226; Skin Sens. 1: H317;
DL-Camphor		21368-68-3	244-350-4		0 - 0.5%	Flam. Liq. 2: H225; Acute Tox. 4: H332; STOT SE 2: H371;
2-methylpropan-2-ol	603-005-00-1	75-65-0	200-889-7	01-2119444321-51	0 - 0.5%	Flam. Liq. 2: H225; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335;

## Further information

<b>Product Shelf Life</b>	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
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## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water. Contact lenses should be removed.
<b>Skin contact</b>	Remove contaminated clothing. Wash with water and soap as a precaution.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

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

<b>Inhalation</b>	High concentration of vapour in enclosed space may cause irritation, headaches and nausea. May cause irritation to respiratory system.
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin.
<b>Ingestion</b>	May cause irritation to mucous membranes.

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

<b>Inhalation</b>	TREAT SYMPTOMATICALLY.
<b>Eye contact</b>	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Seek medical attention if irritation or symptoms persist.

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

Ingestion	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.
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**General information**

	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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**5.2. Special hazards arising from the substance or mixture**

	Burning produces irritating, toxic and obnoxious fumes.
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**5.3. Advice for firefighters**

	Wear suitable respiratory equipment when necessary.
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**Further information**

	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

	Wear suitable protective equipment. Flammable liquid. Avoid sparks, flames, heat and sources of ignition.
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**6.2. Environmental precautions**

	Advise local authorities if large spills cannot be contained.
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**6.3. Methods and material for containment and cleaning up**

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition.
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**6.4. Reference to other sections**

	See section 2, 7, 8, 13 for further information.
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**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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**7.2. Conditions for safe storage, including any incompatibilities**

	Flammable liquid. Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed. Keep away from combustible material. Keep out of the reach of children.
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**7.3. Specific end use(s)**

	Air Freshener.
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**Suitable packaging**

	Plastic containers.
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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

	Occupational exposure controls.
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## 8.1.1. Exposure Limit Values

2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene (Alpha-Pinene)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50 WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 140 WEL 15 min limit mg/m3: 300 WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
2-methylpropan-2-ol	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 150 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 308 WEL 15 min limit mg/m3: 462 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
Ethanol: Ethyl Alcohol (Ethanol)	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -

DNEL: Derived no-effect level.

## Exposure Pattern - Workers

2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	Long-term - inhalation - Systemic effects 5.98 mg/m <sup>3</sup>	
2-methylpropan-2-ol	Long-term - inhalation - Systemic effects 49 mg/m <sup>3</sup> Long-term - inhalation - Local effects 240 mg/m <sup>3</sup>	Long-term - dermal - Systemic effects 139 mg/kg
Ethanol: Ethyl Alcohol	Long-term - inhalation - Systemic effects 950 mg/m <sup>3</sup> Long-term - inhalation - Local effects 1900 mg/m <sup>3</sup>	Long-term - dermal - Systemic effects 343 mg/kg

## Exposure Pattern - General population

2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	Long-term - inhalation - Systemic effects 1.06 mg/m <sup>3</sup> Long-term - oral - Systemic effects 0.31 mg/kg	
2-methylpropan-2-ol	Long-term - inhalation - Systemic effects 9.7 mg/m <sup>3</sup> Long-term - inhalation - Local effects 240 mg/m <sup>3</sup> Long-term - oral - Systemic effects 6.7 mg/kg	Long-term - dermal - Systemic effects 83 mg/kg
Ethanol: Ethyl Alcohol	Long-term - inhalation - Systemic effects 114 mg/m <sup>3</sup> Long-term - inhalation - Local effects 950 mg/m <sup>3</sup> Long-term - oral - Systemic effects 87 mg/kg	Long-term - dermal - Systemic effects 206 mg/kg

## 8.2. Exposure controls



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## 8.2. Exposure controls

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.
8.2.1. Appropriate engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.
Eye / face protection	Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.
Skin protection - Handprotection	Rubber gloves.
Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.
8.2.3. Environmental exposure controls	Prevent further leakage or spillage if safe to do so.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Pleasant
Odour threshold	No data available
pH	4.5 - 8.5
Melting point	No data available
Initial boiling point	No data available
Flash point	> 23 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.85 - 0.95 @ 20 degC
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	< 50 centipoise
Oxidising properties	No data available
Solubility	Soluble in water

## 9.2. Other information

Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Flammable liquid. Stable under normal conditions.
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## 10.2. Chemical stability

	Flammable liquid. Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Oxidising agents. Combustible materials.
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## 10.4. Conditions to avoid

Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light.

## 10.5. Incompatible materials

Oxidising agents.

## 10.6. Hazardous decomposition products

No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).
Acute toxicity	based on available data the classification criteria are not met.
Skin corrosion/irritation	based on available data the classification criteria are not met.
Serious eye damage/irritation	Eye Irrit. 2: H319 - Causes serious eye irritation.
Respiratory or skin sensitisation	Skin Sens. 1: H317 - May cause an allergic skin reaction.
Germ cell mutagenicity	based on available data the classification criteria are not met.
Carcinogenicity	based on available data the classification criteria are not met.
Reproductive toxicity	based on available data the classification criteria are not met.
STOT-single exposure	based on available data the classification criteria are not met.
STOT-repeated exposure	based on available data the classification criteria are not met.
Aspiration hazard	based on available data the classification criteria are not met.

## 11.1.2. Mixtures

No data available.

## 11.1.3. Hazard Information

No data available.

## 11.1.4. Toxicological Information

1-Isopropyl-4-methylbenzene	Oral Rat LD50: 4750 mg/kg	
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	Oral Rat LD50: 3500 mg/kg	
2-methylpropan-2-ol	Dermal Rat LD50: 2000 mg/kg Inhalation Rat LC50/4 h: 31.0 mg/l	Oral Rat LD50: 3100 mg/kg
Ethanol: Ethyl Alcohol	Oral Rat LD50: >2000 mg/kg Inhalation Rat LC50/4 h: 20 mg/l	Dermal Rabbit LD50: >2000 mg/kg

## SECTION 12: Ecological information

## 12.1. Toxicity

2-methylpropan-2-ol	Daphnia EC50/48h: 933.0000 mg/l Brachydanio Rerio LC50/96h: <856 mg/l	Algae EC50/72h: >1000 mg/l
Ethanol: Ethyl Alcohol	Daphnia EC50/48h: 12340.0000 mg/l Green Algae EC50/48h: >100mg/l Rainbow trout LC50/96h: 13000 mg/l NOEC / EC10 for marine or freshwater organisms: 9.6000 mg/l	Algae EC50/72h: 275 mg/l Fathead minnows LC50/96h: 14200 mg/l

## 12.2. Persistence and degradability

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.

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## 12.3. Bioaccumulative potential

No data is available on this product.

## Partition coefficient

Glasgow Taxis Medi Fresh Air No data available  
 Freshener  
 2-methylpropan-2-ol 0.3

Ethanol: Ethyl Alcohol -0.35 log P

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

No data available.

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

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

## General information

Dispose of in compliance with all local and national requirements.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN1170

## 14.2. UN proper shipping name

ETHANOL SOLUTION

## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

Environmental hazards Yes  
 Marine pollutant Yes



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## 14.6. Special precautions for user

No additional special precautions.

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

Not applicable.

## ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-D
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## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

## SECTION 15: Regulatory information

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

Regulations	<p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p>
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## 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

## Other information

Data sources	<p>Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008:.</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour. - Flash Point &gt; 23 degC.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction. - Calculation Method.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation. - Calculation Method.</p> <p>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. - Calculation Method.</p>
Text of Hazard Statements in Section 3	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> <p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Repr. 2: H361 - Suspected of damaging fertility or the unborn child .</p> <p>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p>

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## Other information

Acute Tox. 4: H332 - Harmful if inhaled.  
STOT SE 2: H371 - May cause damage to organs .  
STOT SE 3: H335 - May cause respiratory irritation.

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.