LX MMA	**Safety Data Sheet** **According to Regulation (EC) No 1907/2006 (REACH), Annex II(COMMISSION REGULATION (EU) No 2020/878)**	Crea. date	2007.10.31
		( )th	4th
	Product Name : MAA **CAS No : 79-41-4**	Rev. date	2024.06.01

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Substance name : 2-Methyl-2-propenoic acid
EC No. : 201-204-4
REACH Registration No. : 01-2119463884-26-0008
CAS No. : 79-41-4

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

1.2.1. Relevant identified uses

- Cement Fluidization Material, Fiber Materials, Adhesives, Paint, MAA ester, UP Resin

1.2.2. Uses advised against

- Not available

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier : LX MMA Corporation
Address : 58, YeosuSandan 4-ro, Yeosu-si, Jeollanam-do, Korea
Telephone : +82-2-6930-3847

1.4. Emergency telephone number

EU-wide emergency number : 112
See section 16.6 for the list of telephone number of National Helpdesks in the European Economic Area.

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the substance/mixture

2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]

- Corrosive to metals : Category1, H290
- Acute toxicity (oral) : Category4, H302
- Acute toxicity (dermal) : Category3, H311
- Acute toxicity (inhalation: dust/mist) : Category4, H332
- Skin corrosion/irritation : Category1A, H314
- Serious eye damage/eye irritation : Category1, H318
- Specific targaet organ toxicity-single exposure : Category3, H335

2.2. Label elements

2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP]

*** Hazard Pictogram(s)**

*** Signal word** : Danger

*** Hazard statement(s)**

- H290 May be corrosive to metals
- H302 Harmful if swallowed
- H311 Toxic in contact with skin
- H314 Causes severe skin burns and eye damage
- H318 Cause serious eye damage.

- H332 Harmful if inhaled
- H335 May cause respiratory irritation.

*** Precautionary statement(s)**

1) Prevention

- P234 Keep only in original packaging.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

2) Response

- P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P321 Specific treatment
- P330 Rinse mouth.
- P361 Remove/Take off immediately all contaminated clothing.
- P363 Wash contaminated clothing before reuse.
- P390 Absorb spillage to prevent material damage.

3) Storage

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P406 Store in a corrosion resistant/container with a resistant inner liner.

4) Disposal

- P501 Dispose of contents/container in accordance with local/regional/national/international regulation

*** Indication of danger**

- C

2.3. Other hazards

- Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Name	EC No.	CAS No.	REACH registration No.	% [weight]	Classification [1272/2008/EC]	SCL / M-factor / ATE
2-Methyl-2-propenoic acid	201-204-4	79-41-4	01-2119463884-26-0008	100	Met. Corr. 1, H290 Acute Tox. 4, H302 Acute Tox. 3, H311 Acute Tox. 4, H332 Skin Corr. 1A, H314 Eye Dam.1, H318 STOT SE 3, H335	STOT SE 3; H335: C ≥ 1 % Oral: ATE = 1320 mg/kg Dermal: ATE = 500 mg/kg Inhalation: ATE=1.5mg/L (aerosol)

3.2. Mixtures

- Not applicable

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General

- No general information.

Inhalation

- When exposed to large amounts of steam and mist, move to fresh air.
- Take specific treatment if needed.

Skin contact

- Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Wash contaminated clothing thoroughly before re-using.
- Get medical attention immediately.
- Wash thoroughly after handling.

Eye contact

- Do not rub your eyes.
- Immediately flush eyes with plenty of water for at least 15 minutes and call a doctor/physician.

Ingestion

- Please be advised by doctor whether induction of vomit is demanded or not.
- Rinse your mouth with water immediately.

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

- Not available

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

- Notify medical personnel of contaminated situations and have them take appropriate protective measures.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

- Dry chemical, carbon dioxide, regular foam extinguishing agent, water spray

Unsuitable extinguishing media

- Avoid use of water jet for extinguishing

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

- Not available

5.3. Advice for firefighters

- Cool containers with water until well after fire is out.
- Avoid inhalation of materials or combustion by-products.
- Do not approach the tank surrounded by fire until it is extinguished.
- Use appropriate extinguishing measure suitable for surrounding fire.
- Wear appropriate protective equipment.
- Keep containers cool with water spray.
- Use fire fighting procedures suitable for surrounding area.
- Vapor or gas is burned at distant ignition sources can be spread quickly.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment: Wear proper protective equipment.
- Emergency procedures: Not applicable
- If required, notify relevant authorities according to all applicable regulations.

6.1.2. For emergency responders

- Ventilate closed spaces before entering.

- Must work against the wind, let the upwind people to evacuate.
- Do not touch spilled material. Stop leak if you can do it without risk.
- Remove all sources of ignition.
- Do not direct water at spill or source of leak.
- Avoid skin contact and inhalation.

6.2. Environmental precautions

- Prevent runoff and contact with waterways, drains or sewers.
- If large amounts have been spilled, inform the relevant authorities.
- Avoid dispersal of spilt material and runoff and contact with waterways, drains and sewers. If large spills, advise emergency services.

6.3. Methods and material for containment and cleaning up

6.3.1. For containment

- Clean up all spills immediately.
- Control personal contact by using protective equipment.
- Clear area of personnel and move up wind.
- No smoking, flame or ignition sources.

6.3.2. For cleaning up

- Large spill : Stay upwind and keep out of low areas. Dike for later disposal.
- Notify the central and local government if the emission reach the standard threshold.
- Disposal of waste shall be in compliance with the Wastes Control?Act
- Appropriate container for disposal of spilled material collected.
- Small leak: sand or other non-combustible material, please let use absorption.
- Wipe off the solvent.
- Dike for later disposal.

6.3.3. Other information

- Slippery when spilt.

6.4. Reference to other sections

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for information on disposal.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

- Comply with all applicable laws and regulations for handling
- Get the manual before use.
- Dealing only with a well-ventilated place.
- Do not inhale the steam prolonged or repeated.

7.2. Conditions for safe storage, including any incompatibilities

- Keep in the original container.
- Please pay attention to incompatibilities materials and conditions to avoid.
- Keep sealed when not in use.
- No open fire.
- Prevent static electricity and keep away from combustible materials or heat sources.
- Collected them in sealed containers.
- Do not eat, drink or smoke when using this product.

7.3. Specific end use(s)

- See Section 1 for information on 1.2 Relevant identified uses.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. Occupational exposure limits

European Union (EU) Commission Directive 2006/15/EC (IOELVs)

- Not available

European Union (EU) Commission Directive 2006/15/EC (IOELVs) - Skin

- Not available

Greece Occupational Exposure Limits

- [2-Methyl-2-propenoic acid] - Exposure Limit : 20 ppm ; Exposure Limit : 70 mg/㎥ (Μεθακρυλικό οξύ)

Netherlands Occupational Exposure Limits

- Not available

Denmark Indicative List of Organic Solvents

- [2-Methyl-2-propenoic acid] - Substances in the list of limit values : 20 ppm (Methacrylic acid)

Denmark List of Limit Values for Dust

- Not available

Latvia Occupational Exposure Limit Values (OELV) for Chemical Substances in the Work Environment AtmbExcel Air & Hydraulics9

- [2-Methyl-2-propenoic acid] - Occupational Exposure Limit Values (OELV) 8hr : 10 mg/㎥ (Metakrilskābe (2-metilpropēnskābe))

Latvia Carcinogens and their Occupational Exposure Limit Values (OELV)

- Not available

Bulgaria Occupational Exposure Limits

- [2-Methyl-2-propenoic acid] - Limit values 15 min : 70.0 mg/㎥ (Метакрилова киселина)

Bulgaria Limit values for the chemical agents in the air at the working environment

- [2-Methyl-2-propenoic acid] - Limit Values 8 hours : 70.0 mg/㎥ (Methacrylic acid*)

Sweden Occupational Exposure Limit Values

- [2-Methyl-2-propenoic acid] - NGV : 20 ppm ; NGV : 70 mg/㎥ ; KTV : 30 ppm ; KTV : 100 mg/㎥ (Metakrylsyra)

Sweden Occupational Exposure Limit Values and Measures against Air Contaminants

- [2-Methyl-2-propenoic acid] - LLV : 20 ppm ; LLV : 70 mg/㎥ ; STV : 30 ppm ; STV : 100 mg/㎥ (Methacrylic acid)

Spain Changes Proposed for Occupational Exposure Limit Values

- Not available

Spain Occupational Exposure Limit for Chemical Agents

- [2-Methyl-2-propenoic acid] - VLA- ED : 20 ppm ; VLA- ED : 72 mg/㎥ (Methacrylic acid)

Slovak Republic Highest Admissible Exposure Limits

- Not available

Slovak Republic Highest Admissible Exposure Limits - Solid aerosols predominately with fibrogenic effect

- Not available

Slovak Republic Highest Admissible Exposure Limits - Solid aerosols with possible fibrogenic effect

- Not available

Slovak Republic Highest Admissible Exposure Limits - Solid aerosols predominately with nonspecific effect

- Not available

Ireland Occupational Exposure Limits

- [2-Methyl-2-propenoic acid] - Occupational Exposure Limit Value (8-hour reference period) : 20 ppm ; Occupational Exposure Limit Value (8-hour reference period) : 70 mg/㎥ ; Occupational Exposure Limit Value (15-minute reference period) : 40 ppm ; Occupational Exposure Limit Value (15-minute reference period) : 140 mg/㎥ (Methacrylic acid)

UK Workplace Exposure Limits (WELs)

- [2-Methyl-2-propenoic acid] - Long-term Exposure Limit : 20 ppm ; Long-term Exposure Limit : 72 mg/㎥ ; Short-term Exposure Limit : 40 ppm ; Short-term Exposure Limit : 143 mg/㎥ (Methacrylic acid)

Austria Technical Exposure Limits (TRK Values)

- Not available

Austria Occupational Exposure Limits - Maximum Workplace Concentrations (MAK)

- [2-Methyl-2-propenoic acid] - TMW : 20 ppm ; TMW : 70 mg/㎥ (Methacrylsäure)

Italy Occupational Exposure Limits

- [2-Methyl-2-propenoic acid] - TWA : 20 ppm (Methacrylic acid)

Czech Republic Occupational Exposure Limits (PEL and NPK-P)

- Not available

Czech Republic Occupational Exposure Limits - Dusts predominately with fibrogenic effect

- Not available

Czech Republic Occupational Exposure Limits - Dusts with possible fibrogenic effect

- Not available

Czech Republic Occupational Exposure Limits - Dusts predominately with nonspecific effect

- Not available

Czech Republic Occupational Exposure Limits - Dusts predominately with irritating effect

- Not available

Czech Republic Occupational Exposure Limits - Mineral fibrous dusts

- Not available

Poland Workplace Maximum Allowable Concentration - Dust

- Not available

Poland Workplace Maximum Allowable Concentration

- Not available

France Threshold Limit Values for Occupational Exposure - VLE/VME

- [2-Methyl-2-propenoic acid] - VME : 20 ppm ; VME : 70 mg/m³ (Acide méthacrylique)

Finland Occupational Exposure Levels - Concentrations Known to be Harmful

- [2-Methyl-2-propenoic acid] - HTP Value (8h) : 20 ppm ; HTP Value (8h) : 71 mg/m³ (Metakrylsyra)

Hungary Occupational Exposure Limits

- Not available

8.1.2. Recommended Monitoring Procedures

- Personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

8.1.3. DNEL/PNEC - Values

- Not available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

- Business owner is recommended to maintain below recommended exposure limits for the working place with general exhaust of gas/vapour/mist/fume.

8.2.2. Individual protection measures, such as personal protective equipment

Hand protection

- Wear appropriate glove.

Eye protection

- Wear primary eye protection such as splash resistant safety goggles with a secondary protection face shield.
- Provide an emergency eye wash station and quick drench shower in the immediate work area.

Respiratory Protection

- Respiratory protection is ranked in order from minimum to maximum.
- Consider warning properties before use.
- Any chemical cartridge respirator with organic vapor cartridge(s).
- Any chemical cartridge respirator with a full facepiece and organic vaporcartridge(s).
- Any air-purifying respirator with a full facepiece and an organic vapor canister.
- For Unknown Concentration or Immediately Dangerous to Life or Health : Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full facepiece.
- Under conditions of frequent use or heavy exposure, Respiratory protection may be needed.

Skin protection

- Wear appropriate clothing.

8.2.3 Environmental exposure controls

- Do not let product enter drains. For ecological information refer to section 12.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Color	Clear
Odor	Colorless
pH	Not available

Melting point/Freezing point	15.4~15.5℃
Initial boiling point and boiling range	161 ℃
Flash point	77 ℃ (Open Cup) [ICSC]
Evaporation rate	Not available
Flammability(solid, gas)	Not available
Upper/Lower Flammability or explosive limits	1.6 – 8.7
Vapour pressure	0.9 hPa (20℃)
Vapour density	2.97 (air=1)
Relative density	1.0141 g/㎤ (20℃)
Solubility	98 g/L (20℃)
Partition coefficient of n-octanol/water	0.93
Autoignition temperature	Not available
Decomposition temperature	Not available
Viscosity	1.38 mPa (25℃)
Particle characteristics	Not available

9.2. Other information

- Not available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

- Polymerization may be caused by elevated temperature, oxidizers, peroxides, or sunlight.

10.2. Chemical Stability

- This material is stable under recommended storage and handling conditions.
- Inhibited MAA is stable at room temperature for a limited storage period. Vapors are uninhibited and may form polymers in vents, causing stoppage.

10.3. Possibility of hazardous reactions

- Hazardous Polymerization will not occur.

10.4. Conditions to avoid

- Avoid contact with incompatible materials and condition.
- Avoid : Accumulation of electrostatic charges, Insufficient inhibitor, Heating, Flames and hot surfaces

10.5. Incompatible materials

- Contact with polymerization catalysts (e.g. peroxides, persulfates), hydrochloric acid, strong oxidizers and other bases (e.g. ammonia, amines).

10.6. Hazardous decomposition products

- May emit flammable vapour if involved in fire.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) Acute toxicity

- Oral

- [2-Methyl-2-propenoic acid] : LD50 1320 ㎎/㎏ Rat (OECD Guideline 401)

- Dermal

- [2-Methyl-2-propenoic acid] : LD50 500 ~ 1000 ㎎/㎏ Guinea pig (ECHA)

- Inhalation

- [2-Methyl-2-propenoic acid] : Mist LC50 7.1 ㎎/ℓ 4 hr Rat (mixed vapour/aerosol) (OECD TG 403,GLP)
  Mortality is associated with aerosol(LC50 3.6+/-0.41mg/L) exposure concentration Therefore, this topic applies to classification.

(b) Skin corrosion/irritation

- Causes severe skin burns and eye damage

(c) Serious eye damage/irritation

- depending on the concentration and frequency or time of exposure [EU-RAR No.25 (2002)].

(d) Respiratory sensitization

- Not available

(e) Skin sensitization

- OECD Guideline 406: Not sensitizing (GLP, ECHA)

(f) Germ cell mutagenicity

- Not available

(g) Carcinogenicity

- IARC

- Not available

- OSHA

- Not available

- ACGIH

- Not available

- NTP

- Not available

- EU CLP

- Not available

(h) Reproductive toxicity

- Not available

(i) Specific target organ toxicity(single exposure):

- May cause respiratory irritation.

(j) Specific target organ toxicity(repeated exposure):

- Not available

(k) Aspiration hazard

- Not available

11.2. Information on other hazards

- Not available

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Fish

- LC50(96h) : 85 ㎎/ℓ 96 hr Salmo gairdneri (EPA OTS 797.1400, GLP) (ECHA)

12.1.2. Invertebrate

- EC50(48h) : >130 ㎎/ℓ 48 hr Daphnia magna(EPA OTS 797.1300, GLP) (ECHA)

12.1.3. Algae

- EC50(72h) : 20 ㎎/ℓ 48 hr Selenastrum capricornutum (OECD Guideline 201, GLP) (ECHA)

12.2. Persistence and degradability

12.2.1. Persistence

- Log Pow = 0.93 (22℃, PH2.2) (ECHA)

12.2.2. Degradability

- Not available

12.3. Bioaccumulative potential

12.3.1. Bioaccumulation

- BCF 3.1 (HSDB)

12.3.2. Biodegradability

- 86 % 28 day (Readily Biodegradable, OECD Guideline 301 D, GLP)

12.4. Mobility in soil

- Koc= 15 (Koc)

12.5. Results of PBT and vPvB assessment

- Not available

12.6. Endocrine disrupting properties

- Not available

12.7. Other adverse effects

- Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- Stabilization and minimization treatment by incineration or similar method can be applied, if more than two kinds of designated wastes are in mixture state and it is impractical to separate them
- Oil water separation technology shall be applied as pre-waste treatment if it is applicable
- It shall be treated by incineration
- Anyone with business license number who generates industrial wastes shall treat the waste by him/herself or by entrusting to the legal entities who treat the wastes, recycle the wastes of others or install and operate the waste treatment facilities according to the Wastes Control Act
- Dispose of waste in accordance with all applicable laws and regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number

14.1.1. UN No. (ADR/RID/ADN)

- 2531

14.1.2. UN No. (IMDG CODE/IATA DGR)

- 2531

14.1.3. UN No. (ICAO)

- 2531

14.2. UN proper shipping name

- Methacrylic acid, stabilized

14.3. Transport hazard class(es)

14.3.1. ADR/RID/ADN Class

- 8

14.3.2. ADR/RID/ADN Class

- Class : 8, METHACRYLIC ACID, STABILIZED

14.3.3. ADR Label No.

- 8

14.3.4. IMDG Class

- 8

14.3.5. ICAO Class/Division

- 8

14.3.6. Transport Labels

14.4. Packing group

14.4.1. ADR/RID/ADN Packing group

- II

14.4.2. IMDG Packing group

- II

14.4.3. ICAO Packing group

- II

14.5. Environmental hazards

- Not applicable

14.6. Special precautions for user

- Local transport follows in accordance with Dangerous goods Safety Management Law.
- Package and transport follow in accordance with Department of Transportation (DOT) and other regulatory agency requirements.
- EmS FIRE SCHEDULE : F-A (General fire schedule)
- EmS SPILLAGE SCHEDULE : S-B (Corrosive substances)
- Emergency Action Code : 3W
- Hazard No.(ADR) : 89
- Tunnel Restriction Code : 2 (E)

14.7. Maritime transport in bulk according to IMO instruments

- Not applicable

SECTION 15: REGULATORY INFORMATION

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

15.1.1. Europe regulatory

15.1.1.1 REACH Restricted substance under REACH

- Not applicable

15.1.1.2 REACH Substances subject to authorization under REACH

- Not applicable

15.1.1.3 REACH SVHC

- Not applicable

15.1.1.4 Europe PBT

- Not applicable

15.1.1.5 European Union (EU) Transport of Dangerous Goods by Road - Dangerous Goods List

- Not applicable

15.2. Chemical Safety Assessment

- Not conducted

SECTION 16: OTHER INFORMATION

16.1. Indication of changes

- The Safety Data Sheet has been reviewed and the data therein were revised and laid out according the requirements of the Commission Regulation (EU) No. 878/2020

16.2. Abbreviations and acronyms

- 1272/2008 CLP : Classification, Labelling and Packaging regulation.
- REACH : Registration, Evaluation and authorisation of chemical substances.
- DNEL : Derive no effects level
- PNEC : Predicted no effect concentration

16.3. Key literature references and sources for data

- This Safety Data Sheet was compiled with data and information from the following sources: RTECS, ECOSAR, HSDB, SIDS SIAP, ChemWATCH, CESAR, Chemical DB

16.4. Classification procedure

- The mixture classification has been derived based on the classification of the individual components in accordance with the rules set out in Regulation (EC) No 1272/2008 (CLP) as well as the translation tables in Annex VII to the same regulation.

16.5. Training advice

- Not applicable

16.6. Further information

- The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.
- This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only.
- It should not therefore be construed as guaranteeing any specific property of the product.

- Contact National Helpdesks, List of Telephone Numbers : AUSTRIA (Vienna Wien) +43 1 515 61 0, BELGIUM (Brussels Bruxelles) +32 070 245 245, BULGARIA (Sofia) +359 2 9888 205, Croatia +385 1 2348 342 CZECH REPUBLIC (Prague Praha) +420 224 919 293 or +420 224 915 402, DENMARK (Copenhagen) 82 12 12 12, ESTONIA (Tallinn) 112, FINLAND (Helsinki) +358 9 471 977, FRANCE (Paris) +33 1 45 42 59 59, GERMANY (Berlin) +49 30 19240, GREECE (Athens Athinai) +30 210 77 93 777, HUNGARY (Budapest) +36 80 201 199, ICELAND (Reykjavik) +354 543 2222 or 112, IRELAND (Dublin) +353 1 8379964 or +353 1 809 2166, ITALY (Rome) +39 06 305 4343, LATVIA (Riga) 112 or +371 6704 2473, LITHUANIA (Vilnius) +370 5 236 20 52 or +370 687 53378, Luxembourg +352 70 245 245, MALTA +356 2122 4071, NETHERLANDS (Bilthoven) +31 30 274 88 88, NORWAY (Oslo) 22 591300, POLAND (Gdansk) +48 58301 65 16 or +48 58 349 2831, PORTUGAL (Lisbon Lisboa) 808 250 143, ROMANIA (Bucharest) +40 21 3183606 SLOVAKIA (Bratislava) +421 2 54 77 4166, SLOVENIA (Ljubljana) + 386 41 650 500, SPAIN +34 91 562 04 20(spanish language) or +34 91 768 98 00(You can request to be served in English), SWEDEN (Stockholm) 112 or +46 10 456 6700 (mon-fri 9.00-17.00), UNITED KINGDOM (London) 112 or 0845 4647 (NHS Direct).