

	SAFETY DATA SHEET (SDS)	Version: R0001.0001
		Date of issue: 2018-02-09
	JLR X590 BEV PACK	Revision date: 2018-02-09
		Change List:

Copyright 2017. LG Chem, Ltd. all rights reserved.

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

- 1.1. Product identifier
Trade name/designation : JLR X590 BEV PACK [APJLRX590-A1-D01]
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
 - 1.2.1. Relevant identified uses
- FOR PROVIDE CUSTOMER
 - 1.2.2. Uses advised against
- FOR PROVIDE CUSTOMER
- 1.3. Details of the supplier of the safety data sheet
Manufacturer/Supplier : LG Chem, Ltd
Address : 104-1, Moonji-dong, Yuseong-gu, Daejeon, 305-380, Korea
Telephone : 82-42-870-6662
Email :
- 1.4. Emergency telephone number Emergency Contact(Chemtrec)
EU-wide emergency number : 112 1-800-424-9300: US and Canada / 1-703-527-3887
See section 16.6 for the list of telephone number of poison centers 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]
- Not applicable
- 2.2. Label elements
 - 2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP]
 - * Hazard Pictogram(s)
- Not applicable
 - * Signal word : Not applicable
 - * Hazard statement(s)
- Not applicable
 - * Precautionary statement(s)
 - 1) Prevention
- Not applicable
 - 2) Response
- Not applicable
 - 3) Storage
- Not applicable
 - 4) Disposal
- Not applicable
- 2.3. Other hazards
- Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. Substances
- Not applicable
- 3.2. Mixtures

Chemical Name	Trade names and Synonyms	CAS No.	Content(%)
Aluminium	Allbri aluminum paste and powder	7429-90-5	29.831
Cobalt lithium manganese nickel oxide	-	346417-97-8	25.431
Carbon	Activated carbon	7440-44-0	13.962
Copper	Copper concentrate	7440-50-8	7.817
Aluminium oxide	Alumina	1344-28-1	6.63

Carbonic acid homopolymer	-	25766-59-0	4.296
Aluminium hydroxide	Trihydroxyaluminum	21645-51-2	1.41
Iron	Iron wire	7439-89-6	1.368
Carbonic dichloride polymer with 4,4'-(1-methylethylidene)bis[phenol], 4-(1,1-dimethylethyl)phenyl ester	-	103598-77-2	0.795
Silicon	Silicon, Elemental	7440-21-3	0.523
polyurethane	-	9009-54-5	0.413
Synthetic fibers, alk. earth silicate	-	436083-99-7	0.411
2,6-Dimethylphenol homopolymer	Poly (2,6-dimethyl-1,4-phenylene oxide)	25134-01-4	0.301
Acrysol ASE 60	-	37325-11-4	0.253
Phosphoric trichloride reaction products with bisphenol A and phenol	Phosphoric trichloride, reaction products with bisphenol A and phenol	181028-79-5	0.238
4,4'-(1-Methylethylidene)bisphe nol polymer with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane]	-	25036-25-3	0.234
Magnesium	Magnesium, elemental	7439-95-4	0.212
Ethenylbenzene polymer with 1,3-butadiene	-	9003-55-8	0.191
2-Propenenitrile polymer with 1,3-butadiene and ethenylbenzene	ABS	9003-56-9	0.174
Ethylene propylene-diene terpolymer	-	25038-36-2	0.093
Fatty acids, coco polymers with benzoic acid, pentaerythritol and phthalic anhydride	-	68604-67-1	0.088
Manganese	Colloidal manganese	7439-96-5	0.07
Poly[imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl]	-	32131-17-2	0.067
Carbon black	Acetylene black	1333-86-4	0.05
Zinc	Zinc powder	7440-66-6	0.045
Distillates (petroleum), hydrotreated heavy paraffinic	Emulsifiable oil	64742-54-7	0.028
11-Aminoundecanoic acid homopolymer	-	25587-80-8	0.026
1,4-Benzenedicarboxylic acid polymer with 1,4-butandiol	PBT	26062-94-2	0.025
Chromium	Chromium element	7440-47-3	0.025
Limestone	Calcium carbonate	1317-65-3	0.022
Nickel	Raney nickel	7440-02-0	0.019

Brominated ethenylbenzene homopolymer	-	88497-56-7	0.019
Diundecyl phthalate	-	3648-20-2	0.015
Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	-	25038-59-9	0.013
4,4'-(1-Methylethylidene)bis[2,6-dibromophenol] polymer with (chloromethyl)oxirane and 4,4'-(1-methylethylidene)bis[phe nol]	-	26265-08-7	0.01
Poly(vinyl chloride)	PVC	9002-86-2	0.01
Mica-group minerals	Silicate, Mica	12001-26-2	0.01
1-Propene homopolymer	PP	9003-07-0	0.009
Titanium	Titanium fulleride (TiC ₂₀)	7440-32-6	0.009
Chalk	-	13397-25-6	0.007
Tin	Metallic Tin	7440-31-5	0.007
Calcium carbonate	Carbonic acid calcium salt (1:1)	471-34-1	0.007
Asphalt, oxidized	-	64742-93-4	0.007
Nickel sulfate hexahydrate	-	10101-97-0	0.006
Silica, vitreous	Silicon dioxide (vitreous)	60676-86-0	0.006
Diantimony trioxide	Antimony trioxide	1309-64-4	0.006
Zinc oxide	C.I. PIGMENT WHITE 4	1314-13-2	0.004
2-Methyl-1H-imidazole	2-Methylimidazole	693-98-1	0.004
Boron zinc hydroxide oxide	-	138265-88-0	0.004
1,1'-(1,2-Ethanediy)bis(2,3,4,5,6-pentabromobenzene)	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene]	84852-53-9	0.003
Niobium sulfur tin zinc oxide	-	1374645-21-2	0.003
Hexanedioic acid polymer with azacyclotridecan-2-one, hexahydro-2H-azepin-2-one and 1,6-hexanediamine	-	26777-62-8	0.003
Kaolin, calcined	-	92704-41-1	0.002
Titanium dioxide	Titanium oxide (TiO ₂)	13463-67-7	0.002
1-Propene polymer with ethene	Ethylene propylene copolymer	9010-79-1	0.001
Ethenylbenzene homopolymer	PS	9003-53-6	0.001
Cellulose	Cellulose/sodium salts blend	9004-34-6	0.001
Carbonic acid sodium salt	-	12/03/7542	0.001
Sulfur, precipitated, sublimed or colloidal	Colloidal sulfur	7704-34-9	0.001
Phosphorus	Red phosphorus	7723-14-0	0.001
Dichromium trioxide	Chromium(III) oxide	1308-38-9	0.001

Urea	Carbamide	57-13-6	0.001
dinitrosopentamethylenetetramine	-	101-25-7	0.001
Silicic acid, aluminum sodium salt	Aluminosilicic acid, sodium salt	1344-00-9	0.001
1,4-Benzenedicarboxylic acid dimethyl ester polymer with 1,4-butanediol	-	30965-26-5	0.001
4,4'-(1-methylethylidene)bisphe nol polymer with (chloromethyl)oxirane	-	25068-38-6	0.001
Cobalt titanate green spinel (C.I. pigment green 050)	-	68186-85-6	0.001
C.I. pigment blue 036	-	68187-11-1	0.001

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
- Laundering enough contaminated clothing before reuse.

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

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

- Keep unauthorized personnel out.
- Notify your local firestation and inform the location of the fire and characteristics hazard.
- Using a unattended and water devices in case of large fire and leave alone to burn if you do not
- Avoid inhalation of materials or combustion by-products.
- Do not access if the tank on fire.
- Keep containers cool with water spray.
- Use fire fighting procedures suitable for surrounding area.

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
 - Wear proper personal protective apparatus as indicated in Section 8 and avoid skin contact and
 - Ventilate closed spaces before entering.
 - Do not touch spilled material. Stop leak if you can do it without risk.
 - Handling the damaged containers or spilled material after wearing protective equipment.
- 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,
- 6.3. Methods and material for containment and cleaning up
 - 6.3.1. For containment
 - Clear spills immediately
 - Clear area of personnel and move up wind.
 - Stop leak if safe to do so.
 - 6.3.2. For cleaning up
 - Large spill : Stay upwind and keep out of low areas. Dike for later disposal.
 - Notification to central government, local government. When emissions at least of the standard
 - Dispose of waste in accordance with local regulation.
 - Appropriate container for disposal of spilled material collected.
 - Small liquid state spills: Appropriate container for disposal of spilled material collected.
 - For disposal of spilled material in appropriate containers collected and clear surface.
 - 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
 - Wash thoroughly after handling.
 - Avoid direct physical contact.
 - Avoid contact with incompatible materials.
- 7.2. Conditions for safe storage, including any incompatibilities
 - Do not apply direct heat.
 - Save applicable laws and regulations.
 - Do not apply any physical shock to container.
 - Avoid direct sunlight.
 - Keep in the original container.
 - Temperature below 30°C and the humidity below RH 60%. (RH – Relative Humidity)
- 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
 - 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

- A system of local and/or general exhaust is recommended to keep employee exposures above the Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. The use of local exhaust ventilation is recommended to control emissions near the source

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
- Provide an emergency eye wash station and quick drench shower in the immediate work area.

Respiratory Protection

- Under conditions of frequent use or heavy exposure, Respiratory protection may be needed.
- Respiratory protection is ranked in order from minimum to maximum.
- Consider warning properties before use.
- Dust, mist, fume-purifying respiratory protection
- Any air-purifying respirator with a corpuscle filter of high efficiency
- Any respiratory protection with a electromotion fan(for dust, mist, fume-purifying)
- Self-contained breathing apparatus with a corpuscle filter of high efficiency
- 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

Skin protection

- Wear appropriate clothing.

Others

- It is necessary to wear protective clothes and other protection equipment. Cover your face,
- Prior to removing protective garments the employee should undergo decontamination and be required to shower upon removal of the garments and hood.
- Emergency deluge showers and eyewash fountains, supplied with potable water, should be located near, within sight of, and on the same level with locations where direct exposure is likely

Thermal hazards

- Not available

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

Appearance(State) : SOLID

Appearance(Color) : Not available

Odor : Not available

Odor threshold : Not available

pH : Not available

Melting point/Freezing point : Not available

Initial boiling point and boiling range : Not available

Flash point : Not available

Evaporation rate : Not available

Flammability(solid, gas) : Not available

Upper/Lower Flammability or explosive limits : Not available

Vapour pressure : Not available

Vapour density : Not available

Relative density : Not available

Solubility : Not available

Partition coefficient of n-octanol/water : Not available

Autoignition temperature : Not available

Decomposition temperature : Not available

Viscosity : Not available

Explosive properties : Not available

Oxidising properties : Not available

9.2. Other information

- Not available
- SOC FOR transport : Below 30%

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity
 - Not available
- 10.2. Chemical Stability
 - This material is stable under recommended storage and handling conditions.
- 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, Heating, Flames and hot surfaces
- 10.5. Incompatible materials
 - Not available
- 10.6. Hazardous decomposition products
 - May emit flammable vapour if involved in fire.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1. Acute toxicity
 - Oral - ATE MIX : Not available
 - Not available
 - Dermal - ATE MIX : Not available
 - Not available
 - Inhalation - ATE MIX : Not available
 - Not available
- 11.2. Skin corrosion/irritation
 - Not available
- 11.3. Serious eye damage/irritation
 - Not available
- 11.4. Respiratory sensitization
 - Not available
- 11.5. Skin sensitization
 - Not available
- 11.6. Germ cell mutagenicity
 - Not available
- 11.7. Carcinogenicity
 - IARC
 - [dinitrosopentamethylenetetramine] : Group 3
 - [Ethenylbenzene homopolymer] : Group 3
 - [Ethenylbenzene polymer with 1,3-butadiene] : Group 3
 - [polyurethane] : Group 3
 - [Carbon black] : Group 2B
 - [Nickel] : Group 2B (Nickel refinery dust)
 - [Diantimony trioxide] : Group 2B
 - [Nickel] : Group 1 (Nickel, metallic and alloys)
 - [Nickel] : Group 1 (Nickel compounds)
 - [Nickel] : Group 1 (Nickel, insoluble inorganic compounds)
 - [Nickel] : Group 1 (Nickel, soluble inorganic compounds)
 - [Titanium dioxide] : Group 2B
 - [Chromium] : Group 3
 - [Poly(vinyl chloride)] : Group 3
 - [1-Propene homopolymer] : Group 3
 - OSHA
 - Not available
 - ACGIH
 - [Distillates (petroleum), hydrotreated heavy paraffinic] : A4
 - [Aluminium] : A4 (Aluminum metal and insoluble compounds)
 - [Carbon black] : A4

- [Nickel] : A5 (Nickel refinery dust)
- [Diantimony trioxide] : A2
- [Nickel] : A5 (Nickel, metallic and alloys)
- [Nickel] : A5 (Nickel compounds)
- [Nickel] : A5 (Nickel, insoluble inorganic compounds)
- [Nickel] : A5 (Nickel, soluble inorganic compounds)
- [Titanium dioxide] : A4
- [Chromium] : A4
- [Poly(vinyl chloride)] : A4
- NTP
 - [Nickel] : K (Nickel refinery dust)
 - [Nickel] : K (Nickel, metallic and alloys)
 - [Nickel] : K (Nickel compounds)
 - [Nickel] : K (Nickel, insoluble inorganic compounds)
 - [Nickel] : K (Nickel, soluble inorganic compounds)
- EU CLP
 - [Nickel] : Carc. 2 (Nickel refinery dust)
 - [Distillates (petroleum), hydrotreated heavy paraffinic] : Carc.1B
 - [Diantimony trioxide] : Carc.2
 - [Nickel] : Carc. 2 (Nickel, metallic and alloys)
 - [Nickel] : Carc.2 (Nickel, metallic and alloys)
 - [Nickel] : Carc. 2 (Nickel compounds)
 - [Nickel] : Carc. 2 (Nickel, insoluble inorganic compounds)
 - [Nickel] : Carc. 2 (Nickel, soluble inorganic compounds)
- 11.8. Reproductive toxicity
 - Not available
- 11.9. Specific target organ toxicity(single exposure):
 - Not available
- 11.10. Specific target organ toxicity(repeated exposure):
 - Not available
- 11.11. Aspiration hazard
 - Not available

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity
 - 12.1.1. Fish
 - [Zinc] : $LC_{50}(96hr) \leq 1$ (mg/L)
 - [Zinc oxide] : $LC_{50}(96hr) \leq 1$ (mg/L)
 - 12.1.2. Invertebrate
 - [Zinc] : $EC_{50}(48hr) \leq 1$ (mg/L)
 - [Zinc oxide] : $EC_{50}(48hr) \leq 1$ (mg/L)
 - 12.1.3. Algae
 - [Zinc] : $ErC_{50}(72 \text{ or } 96hr) \leq 1$ (mg/L)
 - [Zinc oxide] : $ErC_{50}(72 \text{ or } 96hr) \leq 1$ (mg/L)
- 12.2. Persistence and degradability
 - 12.2.1. Persistence
 - Not available
 - 12.2.2. Degradability
 - Not available
- 12.3. Bioaccumulative potential
 - 12.3.1. Bioaccumulation
 - Not available
 - 12.3.2. Biodegradability
 - Not available
- 12.4. Mobility in soil
 - Not available
- 12.5. Results of PBT and vPvB assessment
 - Not available

12.6. Other adverse effects

- Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- Since more than two kinds of designaed waste is mixed, it is difficult to treat seperatly, then can be reduction or stabilization by incineration or similar process.
- If water separation is possible, pre-process with Water separation process.
- Dispose by incineration.
- The user of this product must disposal by oneself or entrust to waste disposer or person who other's waste recycle and dispose, person who establish and operate waste disposal facilities.
- Dispose of waste in accordance with all applicable laws and regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. UN No.

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

-3480

14.1.2. UN No. (IMDG)

-3480

14.1.3. UN No. (ICAO)

-3480

14.2. UN proper shipping name

- LITHIUM ION BATTERIES (including lithium ion polymer batteries)

14.3. Transport hazard class(es)

14.3.1. ADR/RID/ADN Class

-9

14.3.2. ADR/RID/ADN Class

- Class : 9, LITHIUM ION BATTERIES (including lithium ion polymer batteries)

14.3.3. ADR Label No.

-9

14.3.4. IMDG Class

-9

14.3.5. ICAO Class/Division

-9

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 available

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
- EmS FIRE SCHEDULE : F-A (General fire schedule)
- EmS SPILLAGE SCHEDULE : S-I (Flammable solids (repacking possible))
- Emergency Action Code : 4W(1)
- Tunnel Restriction Code : 2 (E)

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

- 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

- Applicable (Nickel)
- Applicable (Nickel sulfate hexahydrate)

- Applicable (Distillates (petroleum), hydrotreated heavy paraffinic)
- 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 to the requirements of the Commission Regulation (EU) No. 453/2010

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 a poison control centre, List of Telephone Numbers : AUSTRIA (Vienna Wien) +43 1 406 43 43; BELGIUM (Brussels Bruxelles) +32 70 245 245; BULGARIA (Sofia) +359 2 9154 409; CZECH REPUBLIC (Prague Praha) +420 224 919 293; DENMARK (Copenhagen) 82 12 12 12; ESTONIA (Tallinn) 112; FINLAND (Helsinki) +358 9 471 977; FRANCE (Paris) +33 1 40 0548 48; GERMANY (Berlin) +49 30 19240; GREECE (Athens Athina) +30 10 779 3777; HUNGARY (Budapest) 06 80 20 11 99; ICELAND (Reykjavik) +354 525 111, +354 543 2222; IRELAND (Dublin) +353 1 8379964; ITALY (Rome) +39 06 305 4343; LATVIA (Riga) +371 704 2468; LITHUANIA (Vilnius) +370 5 236 20 52 or +370 687 53378; MALTA (Valletta) 2425 0000; 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 (Barcelona) +34 93 227 98 33 or +34 93 227 54 00 bleep 190; SWEDEN