

Version	Revision Date:	SDS Number:	Country : US
1.4	2019/09/12	40000006000	Language: EN

SECTION 1. IDENTIFICATION

Product name	:	Phenol, 1, 1-dimethylpropyl derivs
Product code	:	40000006000
CAS-No.	:	1639131-79-5

Recommended use of the chemical and restrictions on use

Recommended use	:	Research and Development
Restrictions on use	:	For industrial use only.

Manufacturer or supplier's details

Company:	Supplier SI Group USA (USAA), LLC 4 Mountainview Terrace Suite 200 Danbury, CT United States of America (USA)

Prepared by	SI Group Regulatory Affairs	
	Further information for the safety data sheet : msdsrequest@siigroup.com	

Emergency telephone number

Emergency telephone number:	+1 703-741-5970 (CHEMTREC/US)
	+44 (0) 1235 239 670 (NCEC/EU)
	0 512 8090 3042 (NRCC/CHINA)
	For additional emergency telephone numbers see section 16 of the
	Safety Data Sheet.



Version	Revision Date:
1.4	2019/09/12

SDS Number: 40000006000

Country : US Language: EN

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200Skin corrosion:Category 1Serious eye damage:Category 1Skin sensitisation:Category 1Long-term (chronic) aquatic:Category 1hazard:Category 1

1

GHS label elements

Hazard pictograms

Precautionary statements

Signal word



Hazard statements:H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H410 Very toxic to aquatic life with long lasting effects.	0		0
	Hazard statements	:	H317 May cause an allergic skin reaction.

Prevention:

P260 Do not breathe dust or mist.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P363 Wash contaminated clothing before reuse. P391 Collect spillage.

AMYLPHENOL_SDS_UNITED_STATES__GHS_ _English_1_4



Version Revision Date: 1.4 2019/09/12

SDS Number: 400000006000

Country : US Language: EN

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	:	Pure substance

CAS-No. : 1639131-79-5

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Phenol, 1, 1-dimethylpropyl derivs.	1639131-79-5	>= 90 - <= 100

The exact percentage concentrations of components are being withheld as a trade secret in accordance with paragraph (i) of §1910.120

SECTION 4. FIRST AID MEASURES

General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	:	Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficul- ty.
In case of eye contact	:	Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.





Version 1.4	Revision Date: 2019/09/12		DS Number: 00000006000	Country : US Language: EN	
If swallowed		:	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.		
and	Most important symptoms and effects, both acute and delayed		Product dust may be irritating to eyes, skin and respiratory system. No information available.		
No	Notes to physician		No information available.		
SECTION 5. FIREFIGHTING MEASURES					
Sui	Suitable extinguishing media :		Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.		

Specific hazards during fire- fighting	:	courses. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
		Do not allow run-off from fire fighting to enter drains or water courses.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	 Use personal protective equipment. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Non-sparking tools should be used. Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions :

AMYLPHENOL_SDS_UNITED_STATES__GHS_ _English_1_4



Versio 1.4	n Revision Date: 2019/09/12		DS Number: 00000006000	Country : US Language: EN	
			Prevent further le	surface water or sanitary sewer system. akage or spillage if safe to do so. taminates rivers and lakes or drains inform ities.	
	lethods and materials for ontainment and cleaning up	:		ge disposal without creating dust. closed containers for disposal.	
SECT	ION 7. HANDLING AND ST	OR	AGE		
	dvice on protection against re and explosion	:	Avoid dust formation at places where of	ion. Provide appropriate exhaust ventilation lust is formed.	
Advice on safe handling :		Routine houseked dusts do not accu Dry powders can ed to the friction of	neration and accumulation. eping should be instituted to ensure that imulate on surfaces. build static electricity charges when subject- of transfer and mixing operations. meat and sources of ignition.		
			Persons with a hi ma, allergies, chr not be employed used. Smoking, eating a plication area.	ection see section 8. story of skin sensitisation problems or asth- onic or recurrent respiratory disease should in any process in which this mixture is being and drinking should be prohibited in the ap- water in accordance with local and national	
С	onditions for safe storage	-			

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Hazardous components without workplace control parameters

Components	CAS-No.
Phenol, 1, 1-dimethylpropyl	1639131-79-
derivs.	5

Exposure controls

Engineering measures

It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief

:



AMYLPHENOL_SDS_UNITED_STATES__GHS_ _English_1_4

Version 1.4	Revision Date: 2019/09/12	SDS Number: 40000006000	Country : US Language: EN
		cient environme Ensure that dus dust collectors, signed in a mar work area (i.e., Good general w should be used ditions. If applic ventilation, or of levels below rec have not been e acceptable leve confined areas. Dust formation product. In addi tations of conce places have to b Relevant limits erwise Regulate able fraction; ar poorly soluble)	losion suppression system or an oxygen defi- ent. at-handling systems (such as exhaust ducts, vessels, and processing equipment) are de- oner to prevent the escape of dust into the there is no leakage from the equipment). entilation (typically 10 air changes per hour) . Ventilation rates should be matched to con- able, use process enclosures, local exhaust ther engineering controls to maintain airborne commended exposure limits. If exposure limits established, maintain airborne levels to an I. Ensure adequate ventilation, especially in may be relevant in the processing of this tion to substance-specific OELs, general limi- entrations of particulates in the air at work- be considered in workplace risk assessment. include: OSHA PEL for Particulates Not Oth- ed of 15 mg/m3 - total dust, 5 mg/m3 - respir- nd ACGIH TWA for Particles (insoluble or Not Otherwise Specified of 3 mg/m3 - respir- 0 mg/m3 - inhalable particles.
		Dust must be ex	I ventilation for general area control. xtracted directly at the point of origin. racted air cannot be returned to the workplace tilation system.
Perso	nal protective equipm	ient	
	atory protection	: In the case of d approved filter.	ust or aerosol formation use respirator with an sks are recommended when the dust concenhan 10 mg/m3.
Hand p	protection		
Rer	marks		ol or nitrile- butyl-rubber gloves Before remov- n them with soap and water.
Eye pr	otection	Tightly fitting sa	e with pure water fety goggles d and protective suit for abnormal processing
Skin a	nd body protection		s protective suit rotection according to the amount and con- e dangerous substance at the work place.
Hygier	ne measures	: Handle in accor practice.	dance with good industrial hygiene and safety



Versior 1.4	n Revision Date: 2019/09/12		S Number: 0000006000	Country : US Language: EN
			Wash hands befo	re breaks and at the end of workday.
Enviro	nmental exposure control	S		
W	ater	:	Do not let product	enter drains.
SECTI	ON 9. PHYSICAL AND CH	ЕМІС		5
Ap	opearance	:	solid	
Co	olour	:	clear, to, pale, ye	llow
0	dour	:	phenol-like	
0	dour Threshold	:	No data available	9
рŀ	4	:	No data available	9
M	elting point/range	:	No data available	9
Вс	biling point/boiling range	:	No data available	9
Fl	ash point	:	No data available	9
E١	vaporation rate	:	No data available	9
Fl	ammability (solid, gas)	:	No data available	9
U	pper explosion limit	:	No data available	9
Lo	ower explosion limit	:	No data available	9
Va	apour pressure	:	No data available	9.
Re	elative vapour density	:	No data available	9
	elative density	:	No data available	9
De	ensity	:	ca. 0.92 g/cm3 (8	35 °C)
	Water solubility	:	No data available	9
	Solubility in other solvents	:	No data available	9
	artition coefficient: n- ctanol/water	:	No data available	9
Au	uto-ignition temperature	:	No data available	9





Version 1.4	Revision Date: 2019/09/12		S Number: 0000006000	Country : US Language: EN
Decom	position temperature	:	No data available	9
Viscosi Visc	ity cosity, dynamic	:	No data available	9
Viso	cosity, kinematic	:	No data available	9
Explos	ive properties	:	No data available	9
Oxidizi	ng properties	:	No data available	9
Surface	e tension	:	No data available	9

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable under recommended storage conditions.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reac- tions	:	Stable under recommended storage conditions. No decomposition if used as directed.
Conditions to avoid	:	No data available
Incompatible materials	:	Strong acids and strong bases.Strong oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity	:	Remarks: Not classified due to lack of data.
Acute inhalation toxicity	:	Remarks: Not classified due to lack of data.
Acute dermal toxicity	:	Remarks: Not classified due to lack of data.

Components:

Phenol, 1, 1-dimethylpropyl derivs.:

Acute oral toxicity	:	Acute toxicity estimate: 3,067 mg/kg
-		Method: Calculation method



Version Revision Date: 1.4 2019/09/12

SDS Number: 40000006000

Country : US Language: EN

Skin corrosion/irritation

Product:

Remarks: Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Product:

Remarks: May cause irreversible eye damage.

Respiratory or skin sensitisation

Product:

Remarks: Causes sensitisation.

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish	:	Remarks: No data is available on the product itself.
Toxicity to daphnia and other aquatic invertebrates	:	Remarks: No data is available on the product itself.
Toxicity to algae	:	Remarks: No data is available on the product itself.
Toxicity to microorganisms	:	Remarks: No data is available on the product itself.
Persistence and degradabilit	ty	
<u>Product:</u> Biodegradability	:	Remarks: No data available
Bioaccumulative potential		
<u>Product:</u> Bioaccumulation	:	Remarks: No data available
Mobility in soil		

No data available



Version 1.4	Revision Date: 2019/09/12	SDS Number: 40000006000	Country : US Language: EN
Other	adverse effects		
Produ	uct:		
Ozon	e-Depletion Potential	tection of Stratos Substances Remarks: This p tured with a Clas	FR Protection of Environment; Part 82 Pro- spheric Ozone - CAA Section 602 Class I roduct neither contains, nor was manufac- s I or Class II ODS as defined by the U.S. ction 602 (40 CFR 82, Subpt. A, App.A + B).
Additi matio	onal ecological infor- n	unprofessional h Very toxic to aqu	al hazard cannot be excluded in the event of andling or disposal. latic organisms, may cause long-term adverse latic environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	 The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	 Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR		
UN/ID No.	:	UN 2430
Proper shipping name	:	ALKYLPHENOLS, SOLID, N.O.S. (Phenol, 1, 1-dimethylpropyl derivs.)
Class	:	8
Packing group	:	III
Labels	:	Corrosive
Packing instruction (cargo aircraft)	:	823
Packing instruction (passen- ger aircraft)	:	822
IMDG-Code		
UN number	:	UN 2430
Proper shipping name	:	ALKYLPHENOLS, SOLID, N.O.S. (Phenol, 1, 1-dimethylpropyl derivs.)
Class	:	8





Version 1.4	Revision Date: 2019/09/12	SDS Number: 40000006000	Country : US Language: EN
Label EmS	ing group ls Code ne pollutant	: III : 8 : F-A, S-B : yes	
	sport in bulk accord	•	RPOL 73/78 and the IBC Code
Natio	onal Regulations		
Prope Class Packi Label ERG	D/NA number er shipping name s ing group ls Code	(Phenol, 1, 1-d : 8 : III : CORROSIVE : 153	LS, SOLID, N.O.S. limethylpropyl derivs.)
Marin	ne pollutant	: yes(Phenol, 1,	1-dimethylpropyl derivs.)
Spec	ial precautions for ι	Iser	
Not a	pplicable		

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302	:	No chemicals in this material are subject to the reporting re- quirements of SARA Title III, Section 302.
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.



Vers 1.4	ion	Revision Date: 2019/09/12		DS Number: 0000006000	Country : US Language: EN	
	This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307					
	US State Regulations					
	Massa	chusetts Right To Kn	ow			
				bject to the Massa	chusetts Right to Kno	w Act.
	Penns	ylvania Right To Kno				1620121 70 5
		Phenol, 1, 1-dimeth Unidentified impuri			l reaction mass	1639131-79-5 Not Assigned
	New Je	ersey Right To Know				
	Phenol, 1, 1-dimethylpropyl derivs. 1639131-79-5 Unidentified impurities in amylated phenol reaction mass Not Assigned California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.				Not Assigned micals known to State	
		mponents of this pro	oduo	-	-	
	REACH	4	:	On the inventory,	or in compliance with	the inventory
	TSCA		:			t are either listed on the vith a TSCA Inventory
	DSL		:	This product cont on the Canadian		nponents that are not
			:	Phenol, 1, 1-dime	ethylpropyl derivs.	
	AICS		:	Not in compliance	e with the inventory	
	NZIoC		:	Not in compliance	e with the inventory	
	ENCS		:	Not in compliance	e with the inventory	
	ISHL		:	Not in compliance	e with the inventory	
	KECI		:	On the inventory,	or in compliance with	n the inventory
	PICCS		:	Not in compliance	e with the inventory	
	IECSC		:	On the inventory,	or in compliance with	the inventory
	TCSI		:	Not in compliance	e with the inventory	

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.





Version 1.4 Revision Date: 2019/09/12

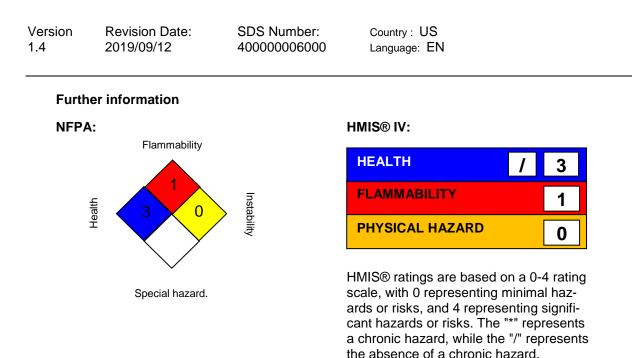
SDS Number: 400000006000 Country : US Language: EN

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System: IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ -Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB -Very Persistent and Very Bioaccumulative





Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

Revision Date : 2019/09/12

The information and recommendations contained in this safety data sheet are, to the best of SI Group's knowledge, belief and experience, accurate and reliable as of the date of its publication and describe the product only with regard to safety requirements. It is the user's responsibility to confirm that it is using the most current available version of this safety data sheet. The information and recommendations herein are offered for the user's consideration and examination. Identified uses in this safety data sheet do neither represent an agreement on the quality of the Product nor a designated use. For the avoidance of doubt, nothing herein shall be construed as relieving the user of its responsibility to ensure that the product is suitable for the intended use and that any proprietary rights, existing laws and legislation are observed. NO WARRANTIES OF EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES ANY KIND, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING THE PRODUCT DESCRIPTIONS, DATA OR INFORMATIN HEREIN. This safety data sheet is neither a Certificate of Analysis (CoA) nor a technical data sheet and shall not be mistaken for a description of the product's specifications. If user repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the packaging. Appropriate warnings and safe-handling procedures should be provided to handlers and further users of the product. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted.

US / EN

Carechem24 International Worldwide Coverage

Emergency Phone Numbers:

Europe:	All European Countries	+44 (0) 1235 239 670
Asia Pacific:	East / South East Asia	Regional Number : +65 3158 1074

SI Group, The Substance Inside and the SI Group logo are Reg. U.S. Pat. & Tm Off. and additional countries, to SI Group, Inc.



AMYLPHENOL_SDS_UNITED_STATES__GHS_ _English_1_4

Version 1.4	Revision Da 2019/09/12		Country : US Language: EN
		Australia	+61 2801 44558
		New Zealand	+64 9929 1483
		China Taiwan	+86 10 5100 3039
		Japan	+81 345 789 341
		Indonesia	00780 3011 0293
		:Malaysia	+60 3 6207 4347
		Thailand	001800 1 2066 6751
		Korea	+65 3158 1285
		Vietnam	+65 3158 1255
		India	+65 3158 1198
		Pakistan	+65 3158 1329
		Philippines	+65 31581203
		Sri Lanka	+65 3158 1195
		Bangladesh	+65 3158 1200
Middle Ea	st / Africa:	Arabic speaking countries	+44 (0) 1235 239 671
		All other countries	+44 (0) 1235 239 670
<u>America</u>		United States / Canada	001866 928 0789
Latin Ame	rica:	Brazil	+55 113 711 9144
		All other countries	+44 (0) 1235 239 670
		Mexico	+52 555 004 8763