

01. Company Introduction

02. Product Introduction



01

Company Introduction

01-01. Overview

01-02. History

01-03. Organization

01-01. Overview

Head Office
in Korea

- ADD** • [21009] 11, Beolmal-gu 566beon-gil, Gyeyang-gu, Incheon
- TEL** • +82-70-8612-5677
- FAX** • +82-70-7578-0517
- E-mail** • guardy1004@naver.com

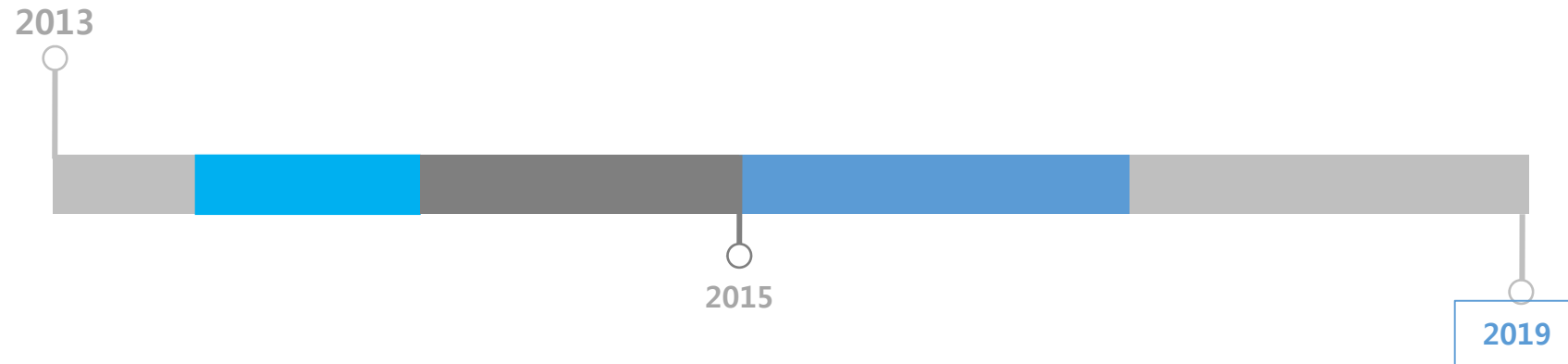
TA KOREA
타에이코리아



Branch Office
in China

- ADD** • 12-28A, Minghaolicheng Buliding Shangxingnanlu Shajing Town, Baoan
Shen Zhen China
- TEL** • +86-157-1202-8585
- FAX** • +86-755-3350-5393

01-02. History



2013 TA KOREA established.

Signed a contract with a wired/wireless phone manufacturer to supply adaptors and batteries.

Signed a contract with a Black Box manufacturer to supply cables and batteries

Signed a contract with an LED lighting manufacturer to supply adaptors and batteries.

2015 TA KOREA China established.

Signed a contract to supply credit card device adaptor.

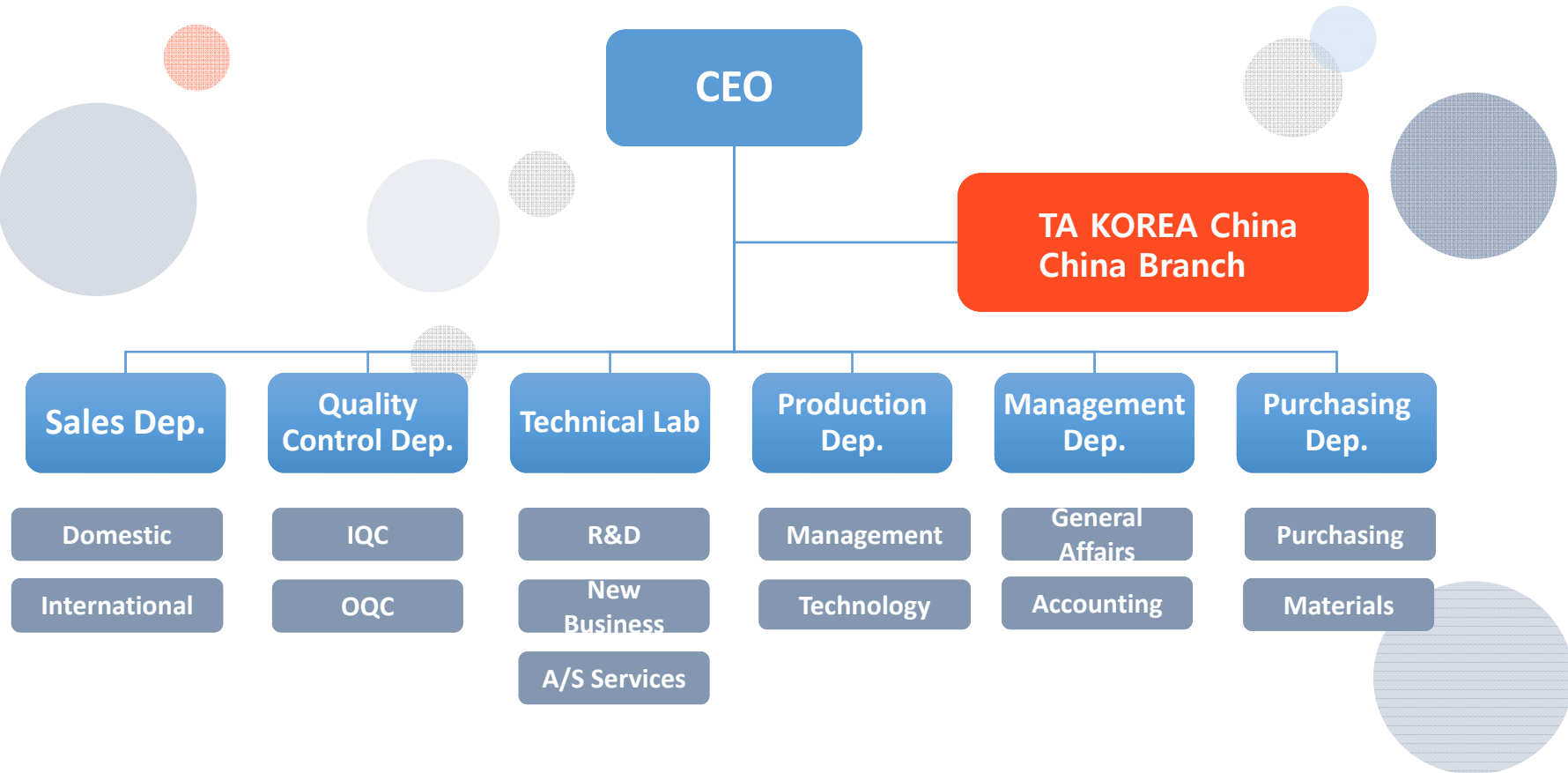
Signed a contract to supply adaptors and batteries for hydrogen water purifiers and generators

2019 Certified for outstanding technology (Developed and manufactured portable mosquito repellent.)

Named an outstanding idea product at the 2019 Seoul Awards.

Signed a contract in China for exclusive supply of Guardy.

01-03. Organization



02

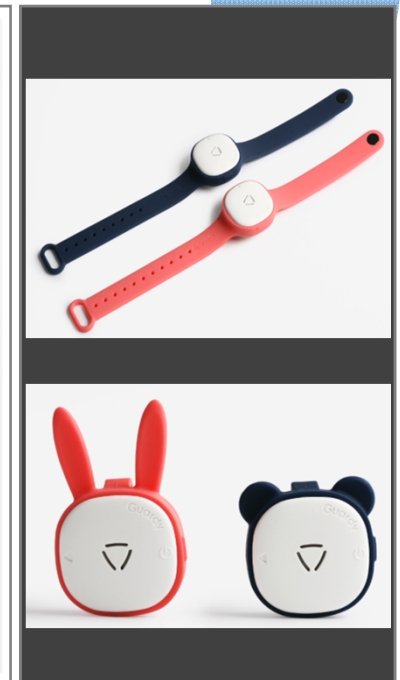
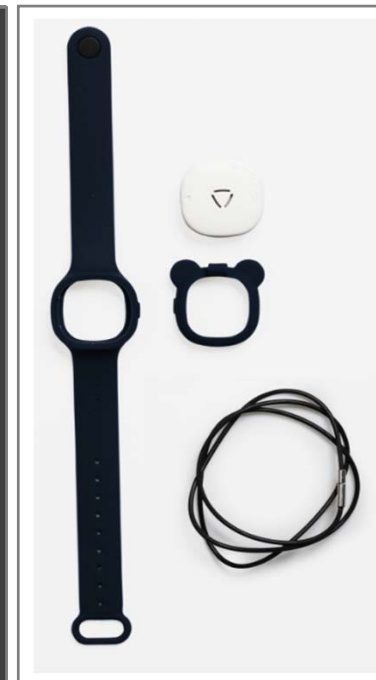
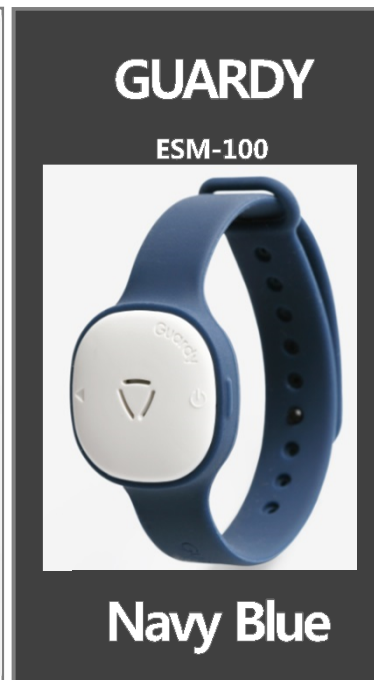
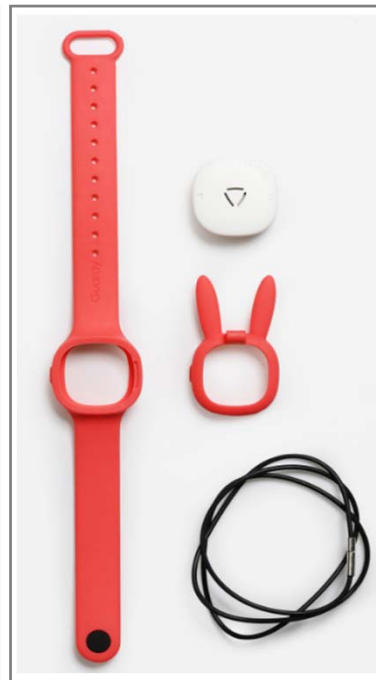
Product Introduction

- 02-01. Product Line-up
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02-01. Product Line-up



***The most powerful company leading
the market technology in Korea and abroad
with technical excellence and knowhow***



Mosquito Repellent
ESM-100



RoHS
compliance

paper
recycling

02-02. CERTIFICATE

CERTIFICATE

EC Declaration of Conformity

We, TA KOREA
11, Beolmal-ro 566beon-gil Gyeongsang-gu, Incheon, Republic of Korea

declare under our sole responsibility that the following product :

Product Name : Mosquito Repellent
 Model number : ESM-100

is in conformity with the following EC directives and related standards:

Applicable : 2014/30/EU
 EC Directives

Applicable : EN 55014-1:2006+A1:2009+A2:2011
 Standards EN 55014-2:2015(Category III)
EN 61000-4-2 : 2009
EN 61000-4-3 : 2006+A1:2008+A2:2010

Test Report : ESTEC1812-004

Authorized Signature/Date : TA-KOREA 12/10/12/26
 Name & Title of Signatory : Jang Seung-hye

RoHS TEST REPORT
 European Directive 2011/65/EU
 Evaluation of RoHS Requirements for Electrical and Electronic Equipment

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 Test Report No. : ETLRD181130.0137

Applicant : TA KOREA
11, Beolmal-ro 566beon-gil Gyeongsang-gu, Incheon, Republic of Korea (21000)

The following product was submitted and identified on behalf of the applicant as :
 Product name : Mosquito Repellent
 Model(s) : ESM-100

Date of receipt : Nov 30, 2018
 Test Period : Nov 30, 2018 ~ Feb 10, 2019
 Date of issue : Feb 20, 2019
 Test method : EN 60601-1:2012 IEC 60601-1-1:2013
 Test Result : The product which was evaluated was fulfilled with requirement of Directive 2011/65/EU of the European Parliament on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

For further details, please refer to the following pages.

Tested by : Seul Hye Lee
 Reviewed by : Jeong Myoung Park

Supplier's Declaration of Compliance

11, Beolmal-ro 566beon-gil Gyeongsang-gu, Incheon, Republic of Korea
 Date of issue : 20 May 2019
 Test Report No. : ESTEC1812-002
 Test Site : Estech Lab

Attn: SHIN HYUN JO
 FCC IDENTIFIER : Supplier's Declaration of Compliance
 APPLICANT : TA KOREA
 FCC Rule Part(s) : Part 15
 Equipment Class : Class B
 EUT Type : Mosquito Repellent
 Model Name : ESM-100

This device has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ASTM C6102-14.
 I attest to the accuracy of data and all measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the compliance of these measurements and results for the qualification of all persons using them.
 Estech certifies that no party to this application has been denied the FCC benefits pursuant to Section 3121 of the Anti-Dumping Act of 1988, 21 U.S.C. 813(a).

Jin-Mo Yang
 Engineering Manager

ESTECH Co., Ltd.
 EMC Test Lab : 140-16, Beongmal-ro, Maing-myeon, Incheon-si, Gyeonggi-do, R.O.Korea
 Tel : 82-31-631-9037, Fax : 82-31-631-9039
 Web Site : <http://www.estech.co.kr>

방송통신기자재등의 적합등록 필증
 Registration of Broadcasting and Communication Equipments

상호 또는 설명 : 타케이코리아
 Trade Name or Signature
 기자재명칭(제품명칭) : 모기퇴치기
 Equipment Name
 기본모델명 : ESM-100
 Base Model Number

파생모델명 : 기타
 Deriv. Model Number

등록번호 : R-R-est-ESM-100
 Registration No.
 제조국(제조국명/국가) : 타케이코리아 / 한국
 Manufacturer/Country of Origin
 등록연월일 : 2018-10-23
 Date of Registration

위 기자재는 「전자법」 제58조제2 제3항에 따라 등록의 인증을 증명합니다.
 It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2018년(Year) 11월(Month) 16일(Day)

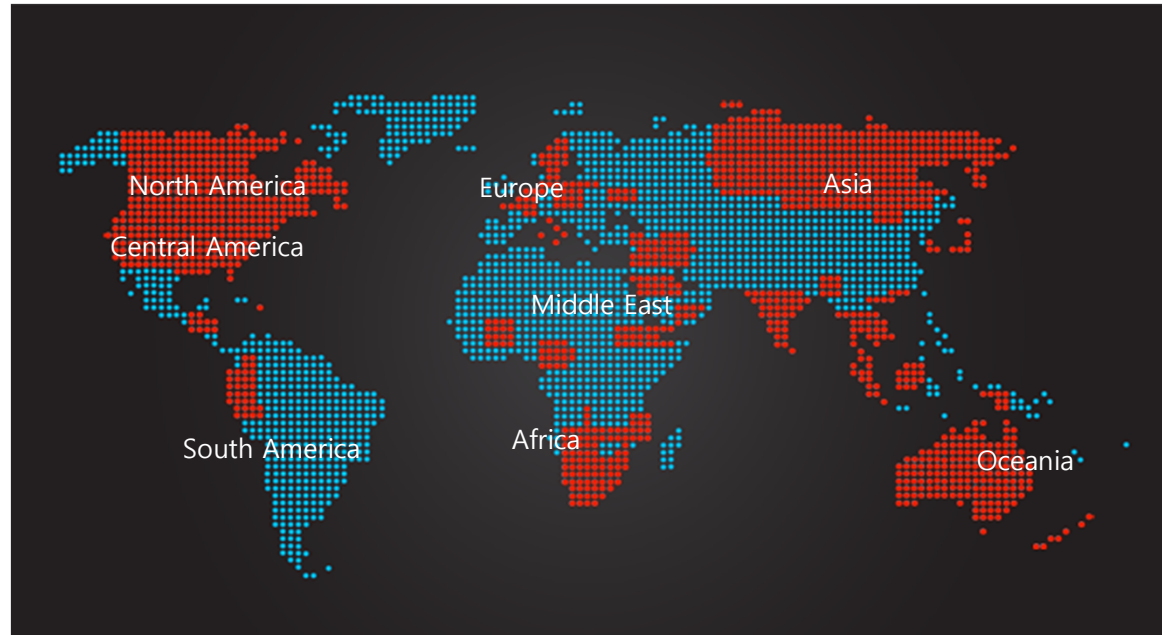
국립전파연구원장
 Director General of National Radio Research Agency

※ 국립전파연구원 기자재등록 인증서 "국립전파연구원장"을 증명하여 제출하여야 합니다.
 (관청의 대표로 직권 및 인장이 필요함)

Mosquito Repellent
ESM-100RoHS
compliancepaper
recycling

02-03. MOSQUITO WARS

:: MOSQUITO WARS ::



About 3,500 species of mosquitos around the world



Mosquito Life Cycle

Mosquito's lifecycle varies according to the environmental conditions, such as temperature and humidity.

All mosquitoes undergo a lifecycle from the eggs to the caterpillars, to the pupas, to the adults.

Mosquito eggs hatch into caterpillars within 24~48 hours and they can be about 5mm in length. Most larvae breathe through air tubes and the caterpillars float on water when they grow.

They grow from caterpillars into pupas within 7~10 days and then into adults.

Mosquitoes take about 13-20 days to grow from eggs into adults and adult mosquitoes can live up to 1~2 months.

02-04. Product Features



1 A small yet powerful portable mosquito repellent

- Small and Light
- GUARDY refuses comparison with any mosquito repellent product.
- You can wear it on you anytime, anywhere.



2 Its quality and system of sound are different.

- A broad range of frequency for various species of mosquitos around world.
- Three ranges of sounds are alternately diffused using our original 3-step crossover method to effective repel mosquitos.
- Sends out carrier waves to prevent the tolerance of mosquitoes and maintain powerful effects



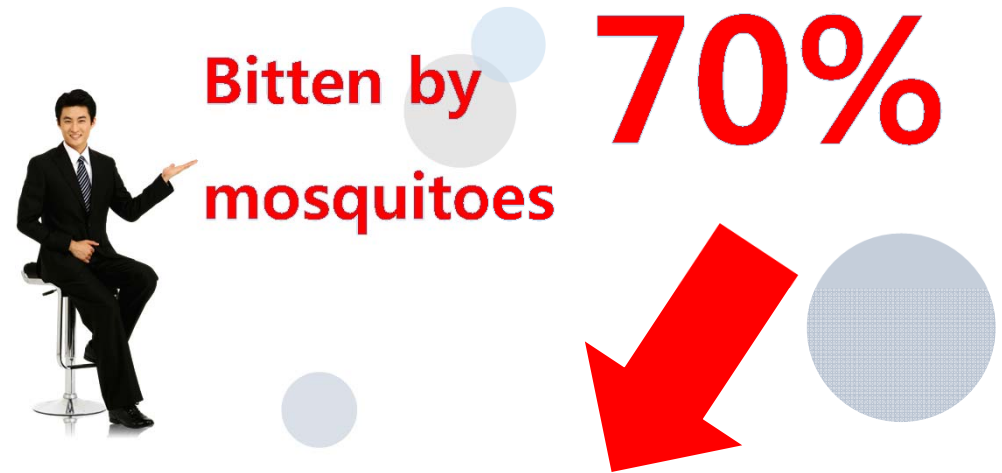
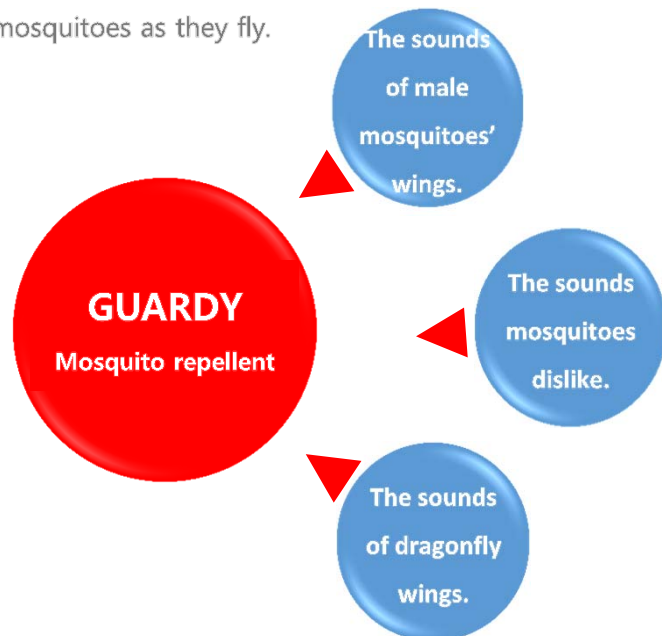
3 Children's safety is our priority.

- GUARDY does not use rechargeable lithium batteries.
We considered safety from explosion due to malfunctioning and fires caused by overheating.

How does GUARDY **repel mosquitoes**?

Mosquitoes usually feed on plant sap and fluids.

However, female mosquitoes that are about to lay eggs need the blood of warm-blooded animals to supply enough nutrition to its eggs. Male mosquitoes show generosity. They constantly follow the female mosquitoes for mating. Female mosquitoes try to avoid the male mosquitoes to defend its eggs. GUARDY accurately reproduces the frequency diffused by male mosquitoes as they fly.



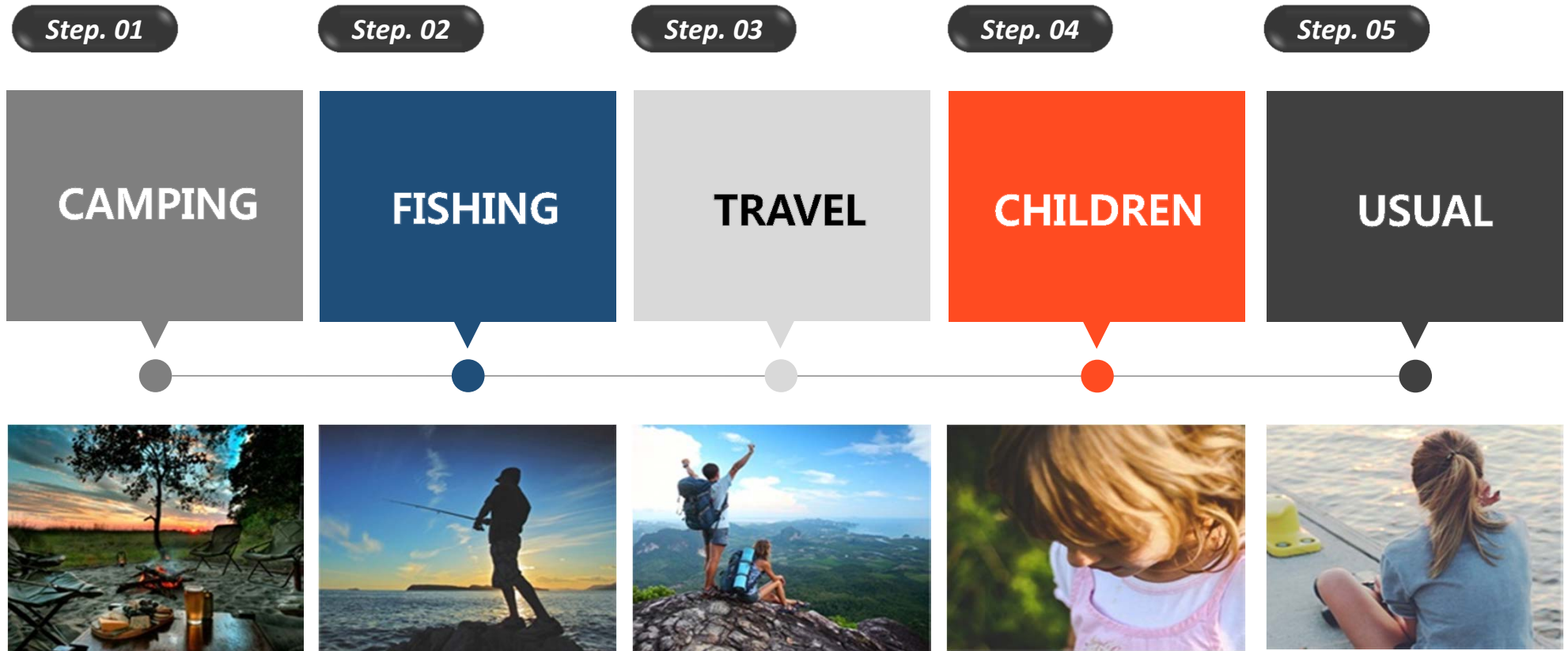
It varies according to the noise level, climate, and type of mosquitoes, but GUARDY repels about 70% of female mosquitoes in average.

GUARDY reproduces the sounds of male mosquitoes to repel the female mosquitoes.

Female mosquitoes try to avoid GUARDY or get too tense to draw blood.

02-06. Range of Using Product

:: Range of using GUARDY ::



02-07. Guardy Partner



Off-line Stores

- Lotte Duty-free Stores, SM Duty-free Stores, Shinsegae Duty-free Stores, Doosan Duty-free Stores, Jeju Airport Duty-free Stores, Lotte Department Stores, Shinsegae Department Stores, Hyundai Department Stores, Galleria Department Stores, IM Shopping, City Duty-free Stores

On-line Stores

- Auction , G-market, Coupang, TMON, 11st, Wemakeprice, Inter-park

Named an Outstanding Idea Product at the 2019 Seoul Awards

- An outstanding product selected by Seoul Business Agency's Distribution Brand Selection Committee.
- GUARDY Mosquito Repellent

Thank you

Contact US—TA KOREA

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All Ways Customer First