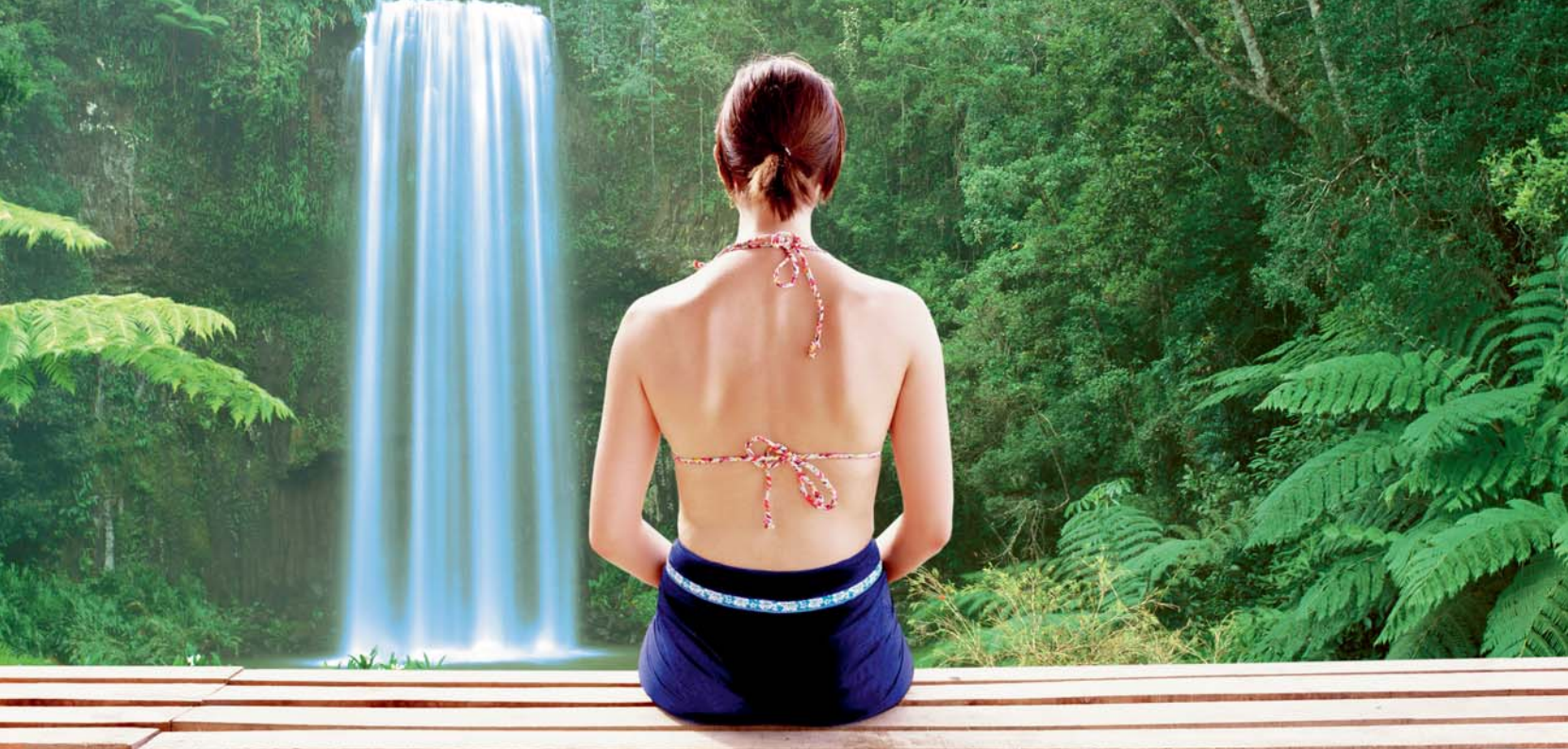


Saltidin®

THE HIGHLY EFFICIENT
ACTIVE INGREDIENT
FOR USE IN YOUR INSECT
REPELLENT

saltigo
customized competence



SALTIDIN® – MAIN PROPERTIES

Efficiency:

Long lasting
Broad spectrum of insects

Safety:

Non toxic
Non irritating to skin
Low adsorption
Non-sensitizing to skin

Compatibility:

Safe for plastics
Safe for coatings
Safe for sealants
Safe for environment

Cosmetic properties:

Discrete scent/odorless
Not sticky
Pleasant skin feel
Not greasy

Easy to formulate:

Good solubility
Highly stable
Not corrosive
Colorless

EFFECTIVENESS OF SALTIDIN®

Based on broad laboratory and field tests, Saltidin® shows sustainable effectiveness against the following species: **Mosquitoes:** *Aedes aegypti*, *Aedes taeniorhynchus*, *Aedes albopictus*, *Culex quinquefasciatus*, *Culex pipiens fatigans*, *Anopheles stephensi*, *Anopheles sinensis*, *Anopheles dirus*. **Flies:** *Musca domestica*, *Stomoxys calcitrans*, *Simulium venustum*, *Tabanidae*. **Ticks:** *Ixodes ricinus*, *Ixodes scapularis (damini)*, *Rhipicephalus sanguineus*. **Other:** Biting midges/No seeums, *Culicoides* spp, worm parasites.



DIFFERENT FRAME FORMULATIONS AVAILABLE

The following formulations have been developed by Saltigo and are available on request, subject to adequate compensation:

Pumpspray	Cream	Lotion	Gel	Aerosol	Wipe
All Family Insect Repellent Spray 20%	All Family Insect Repellent Cream 20%	Saltidin® W/O 10%	Saltidin® Gel 15%	Saltidin® Aerosol 20%	Saltidin® Wipe 20%
ICA 10 F 10%	Saltidin® Cream 15%	Saltidin® O/W I 10%			
Saltidin® Oil 25%		Saltidin® O/W II 10%			
		Saltidin® O/W III 10%			

Wipe and Aerosol are currently under development and will be available by 2nd half 2008.

CONSUMER PRODUCT VARIATIONS

Saltidin® can be easily formulated as a liquid, aerosol, pump spray, wipe, cream/balm or stick, making it suitable for a wide variety of applications. Depending upon the dosage level, the active formula provides between 3 to 5 hrs (10% formula) and up to 10 hrs (20% formula) of protection. Compositions may be reduced under 10% formula to achieve short term protection.

INTERNATIONAL PRODUCT REGISTRATIONS

Restrictions covering the marketing of repellents vary in every country. Depending on the country, they are either covered by the legislation that regulates pharmaceutical, cosmetic products, insecticides or biocides. Saltidin® is registered in the majority of the countries (for details please refer to our website www.saltidin.com).

SUSTAINABLY TESTED

The toxicological profile of Saltidin® has been extensively evaluated following a program of protocols developed in close cooperation with the US Environmental Protection Agency (EPA). In order to generate the most reliable and consumer relevant data, all studies involved application of Saltidin®-containing products to the skin and measured dermal exposure. No adverse outcomes were identified in any studies in the program.

REGULATORY AFFAIRS USA

In the United States, insecticides are regulated by the US Environmental Protection Agency (US EPA), which establishes strict standards for safety, effectiveness and product quality. Saltidin® was approved as a repellent active ingredient by the US EPA in 2005.

Saltigo has registered 20% spray and 20% cream formulation in the US in 2006 and submitted dossiers for Canada in December 2007 for the following formulations:

- ICA 10F (spray)
- All Family insect repellent cream (20%)
- All Family insect repellent spray (20%)

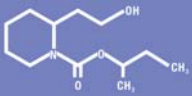
REGULATORY AFFAIRS EU

With the implementation of the European Biocidal Products Directive, the registration process for insect repellents is undergoing major changes. Saltigo has submitted the product dossier to the RSM in April 2006 and is waiting for BPD Annex-I-listing.

Saltigo will register different frame formulations after Annex-I-listing.



SALTIDIN® - CHEMICAL AND PHYSICAL PROPERTIES

1. Structure	
2. Empirical formula:	$C_{12}H_{23}NO_3$
3. Chemical name:	1-piperidinecarboxylic acid 2-(2-hydroxyethyl)-1-methylpropylester
4. Commercial name:	Saltidin®
5. Common name:	Icaridin
6. EIncs number	423-210-8
7. CAS No:	119515-38-7
8. Relative molecular mass:	229.3 g/mole
9. Form:	liquid, clear
10. Solidifying point:	< -170 °C
11. Viscosity:	30,7 sec. flow time according to DIN 53211, 129 mPa·s at 20 °C
12. Boiling point:	272 °C at 1013 hPa
13. Vapour pressure:	3,4 x 10Exp-4 hPa at 20 °C, 5,9 x 10Exp-4 hPa at 25 °C, 7,1 x 10Exp-3 hPa at 50 °C
14. Irritation:	non-irritant
15. Color:	colorless-brownish
16. Odor:	little odorous
17. Purity of technical product:	min. 97%
18. Flashpoint:	142 °C
19. Density:	1,036 g/m ³ at 20 °C
20. Solubility:	in water: 8,6 g/l at 20 °C , in acetone: > 250 g/l at 20 °C, in n-heptane: > 250 g/l at 20 °C, in propane-2-ol: > 250 g/l at 20 °C, in xylene: > 250 g/l at 20 °C
21. Storage conditions:	store at room temperature

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