

For detailed info please write at this address

info@noaelproject.it

NOAEL PROJECT 2.0

<http://www.noaelproject.it>

QR scanner

Use you mobile to download the **example toxicological datasheet of Sodium PCA**



or visit the following address:

<http://www.noaelproject.it/sites/default/files/img/public/pdf/PCAeng.pdf>

The NOAEL project is an online database with NOAEL values builtd in order to speed up and make the MOS calculation for substances employed in cosmetic easier.

The project was initially funded by a net of cosmetic companies and, thanks to the collaboration with the University of Florence, became a website where the money coming from subscriptions is employed to pay selected staff to insert toxicological data. All the webiste content is both in **english** and **italian**.

Requirements and issues

The No Observed Adverse Effect Level (NOAEL) is a toxicological parameter representing the highest exposure level at which there are no statistically or biologically significant increases in the frequency or severity of adverse effects between the exposed population and its appropriate control.

The Scientific Committee on Consumer Safety (SCCS) has recently considered the NOAEL as the standard requirement in the safety assessment of substances used in cosmetic products. A NOAEL value is indeed essential in order to calculate the Margin of Safety (MOS), that is the ratio bewteen NOAEL and the Systemic Exposure Dose (SED).

Finding a NOAEL is very problematic because not all the substances employed in cosmetic are covered by the toxicologic point of view. Sources and study's guidelines have to be investigated to verify SCCS fulfillments and the unit of measure must be mg/kg * bw/d (while in many toxicological studies other units such as ppm or % in feed are used).

What is the NOAEL?



Our approach

We retrieve NOAEL values only from international and trusted sources. Accordingly to the SCCS guidelines, all the documents are linked in the bibliography section or cited if published in scientific journals.

Every datasheet has a detailed description about all the assumptions and the considerations that brought us to choose a precise NOAEL (following indeed the weight of evicende - WOE -)

Basic informations regarding the study from which the NOAEL comes from are summarized in a schematic way (animal model, route of administration, test type, test duration etc...)

We provide documents for quick access to the list of cosmetic substances present in our database and for an easier MOS calculation (both in excel format)

NOAEL-project is a fee for service*.

You can join the project in two ways

- An annual subscription that allow you to download all the toxicological datasheets and excel files without committing a NOAEL search
- An annual subscription that, in addition to the previous one, includes the possibility to commit up to 150 custom NOAEL searches

*The payment is only by credit card

The long term goal of the project

Since not all the substances employed in the cosmetic field have sufficient data to calculate a MOS, we are collaborating with the Mario Negri Institute in order to develop a QSAR software capable to estimate the NOAEL for substances not tested with animal models. To accomplish this goal, strong database storing detailed toxicological info is needed. If this software will be developed, the user will be able to estimate the NOAEL for a greater range of cosmetic ingredients, allowing to compile a more complete toxicological datasheet. We estimate the costs and the time needed to develop the software equal to two fellowships for two years



NOAEL search

Nome componente (INCI)

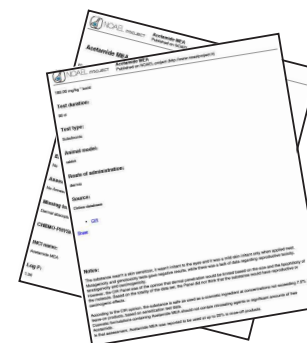
Sostanze con stesso NOAEL o n°CAS

azi e premi "Apply".

mpi

Interactive search interface

Datasheets in PDF format



Partners

Tricoflorence

Abercrombie & Fitch

SILVIO MORA S.r.l

ACEF

Dr. Vranjes

Diadema Cosmetici

BIOLA

Tavola s.p.a.

Farmaceutici Dottor Ciccarelli

Laboratorio Terapeutico M.R.

Biacrè

Zschimmer-Schwarz

Tricobiotics

Kelemata

Ludovico Martelli