

## Substance Information Document

### Palmarosa oil

#### 1. Substance identity

Name	Palmarosa oil
Synonyms	Cymbopogon martini oil; Palmarosa oil (Cymbopogon martini (Roxb.) Stapf); Cymbopogon martinii oil. (not exhaustive list)
IUPAC Name	N/A*
CAS	8014-19-5

\*Non answered, IUPAC Name was not found.

#### 2. Toxicological information

Palmarosa oil was included by the Council of Europe in the list of substances granted Admissible. It was approved by the Food and Drug Administration (FDA) as Generally Recognized as Safe (GRAS) for intended use (21 CFR 182.20) and was granted GRAS 3 status by Flavor and Extract Manufacturers' Association (FEMA).

The main constituent of palmarosa oil is geraniol. Both the acute oral LD<sub>50</sub> value in rats and the acute dermal LD<sub>50</sub> value in rabbits exceeded 5 g/kg. Palmarosa oil applied full strength to intact or abraded rabbit skin for 24 hours under occlusion produced a moderate irritation, but when applied undiluted to backs of hairless mice, it was not irritating. Tested at 8% in petrolatum, it produced no irritation after a 48-hour closed patch test on human subjects. A maximization test was carried out on 26 volunteers. The material was tested at concentration of 8% in petrolatum and produced no sensitization reaction. No phototoxic effects were reported. No ingredient-specific data were available on reproductive and developmental toxicity. No relevant ingredient-specific data on genotoxicity, repeated-dose toxicity and carcinogenicity were available.

JECFA	-
FEMA	<a href="#">PALMAROSA OIL (CYMBOPOGON MARTINI (ROXB.) STAPF)   FEMA (femaflavor.org)</a>
EFSA	-
ECHA – REACH dossier	-
PUBCHEM	<a href="#">SID 472398553 - PubChem (nih.gov)</a>
CIR	-
OSHA	-

### 3. Addictiveness and attractiveness

No ingredient-specific data were available.

SCENIHR	-
EMA	-
PUBMED	-