

## Substance Information Document

### Orange oil

#### 1. Substance identity

Name	Orange oil
Synonyms	Citrus sinensis oil Citrus sinensis (L.) Osbeck Terpeneless Orange oil distilled FEMA No. 2821
IUPAC Name	N/A*
CAS	68606-94-0

\*Non answered, IUPAC Name was not found.

#### 2. Toxicological information

Orange oil is general recognized as safe by FEMA, as assessed as part of *citrus*-derived flavoring ingredients. Not many toxicological information is available on orange oil.

The limiting constituent from the toxicological perspective is Decanal (CAS: 112-31-2, reported at a level up to 12% in orange oil). Briefly, decanal was shown non-mutagenic/genotoxic, non-carcinogenic, non-reprotoxic (based on read-across); decanal is of low acute and repeated-dose toxicity and non-sensitizing on human skin. For more information on Decanal, see the Decanal Substance Information Document.

Other abundant constituents of orange oil are D-limonene (25%), linalool (10%), and octanal (6%).

JECFA	-
FEMA	<a href="#">ORANGE ESSENCE OIL (CITRUS SINENSIS (L.) OSBECK)   FEMA (femaflavor.org)</a>
EFSA	-
ECHA – REACH dossier	-
PUBCHEM	<a href="#">SID 135300037 - PubChem (nih.gov)</a>
CIR	-
OSHA	-

#### 3. Addictiveness and attractiveness

No substance-specific data were identified.

SCENIHR	-
---------	---

EMA	-
PUBMED	-