

Substance Information Document

Storax

1. Substance identity

Name	Storax
Synonyms	Styrax Storax oil Styrax (Asiatic & American) Styrax oil Styrax Asian oil
IUPAC Name	N/A*
CAS	8024-01-9

*Non answered, IUPAC Name was not found

2. Toxicological information

Storax is a natural resin isolated from the wounded bark of *Liquidambar orientalis* Mill. (Asia Minor) and *Liquidambar styraciflua* L. (Central America). Storax preparations are widely used fragrance ingredients of many fragrance compounds used in perfumery.

No substance specific data are available for Storax CAS 8024-01-9. However, data were generated for the Storax balsam (CAS 8046-19-3, storax resinoid oil). Storax resinoid oil was non-irritant in an in vitro skin irritation test (OECD 439) and in an in vitro eye irritation test (OECD 437). Storax resinoid oil was also non-irritant when applied on skin of humans (closed patch test with up to 20% compound). In an OECD 423 study, acute oral storax resinoid oil administration led to an LD⁵⁰ of > 2000 mg/kg bw. An Ames test (OECD 471) showed that storax resinoid oil was not mutagenic.

JECFA	-
FEMA	-
EFSA	-
ECHA – REACH dossier	Registration Dossier - ECHA (europa.eu) (for CAS 8046-19-3)
PUBCHEM	SID 135306717 - PubChem (nih.gov)
CIR	-
OSHA	-

3. Addictiveness and attractiveness

No substance-specific data are available.

SCENIHR	-
EMA	-
PUBMED	-



Substance Information Document

Storax

July 25, 2024