

**COSTUS ROOT OIL  
ABSOLUTE AND CONCRETE**

**CAS N°:** 8023-88-9

**Empirical formula:** N/A

**Synonyms:** Costus root essential oil, absolute and concrete (Saussurea lappa Clarke)  
Oils, costus  
Saussurea lappa root oil  
Spiral flag oil

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**History:** Initial reviews: October 1974, May 1998

Current revision date: September 2002

**Implementation date:** for new submissions\*: Not applicable  
for existing fragrance compounds\*: Not applicable

**Next review date:** Not applicable

\* This date applies to the supply of fragrance compounds (formulas) only, not to the finished products in the marketplace.

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**STANDARD:** PROHIBITED – Should not be used as a fragrance ingredient.

**RESTRICTIONS:**

**Limits in the finished product:**

**Skin-contact products:**

Leave-on products: Not applicable      Rinse-off products: Not applicable  
*including household cleaning products*

**Non skin-contact products:** Not applicable

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**Note box:**

**Fragrance material specification:** Not applicable

**Contribution from other sources:** None to consider (see also the note on contributions from other sources in the Introduction to the IFRA Standards)

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**Critical effect:**      **Sensitization**

**Rexpan Rationale / Conclusion:**

IFRA ban noted – REXPAN, September 2002.

**References:**

Opdyke D.L. (1974), Food and Cosmetics Toxicology 12, 867.

Mitchell J.C. and Epstein W.L (1974), Archives of Dermatology, 110, 871-872.

Foussereau, J., Muller J.C. and Benezra C. (1975), Contact Dermatitis, 1, 223-230.

Epstein, W.L., Reynolds G.W. and Rodriguez, E. (1980), Archives of Dermatology, 116, 59-60.

Cheminat, A., Benezra, C., Farral M.J. and Frechet, J.M.J. (1981), Canadian Journal of Chemistry, 59, 1405-1414.