

Savin oil

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|------------------|-----------|---------------------------|-----|
| CAS N°: | 8024-00-8 | Empirical formula: | N/A |
| Synonyms: | N/A | | |

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|-----------------|------------------------|------------------------------------|----------------|--|
| History: | Initial reviews: | May 1980, June 1982 | | |
| | Current revision date: | Not applicable | | |
| | 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.

RECOMMENDATION:

PROHIBITED / SPECIFICATION

RESTRICTIONS:

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|---|-----|--|-----|
| Limits in the finished product: | | | |
| <u>Skin contact products:</u> | | | |
| Leave on products: | N/A | Rinse-off products: | N/A |
| | | <i>Including household cleaning products</i> | |
| <u>Non skin contact products:</u> | N/A | | |
| Note box: | | | |
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| Fragrance material specifications: | | <p>Savin oil should not be used as a fragrance ingredient if prepared from <i>Juniperus Sabina</i> L. Only oils obtained from <i>Juniperus phoenicea</i> L. should be used.</p> <p>In the absence of an international standard, the following specifications for oils of <i>Juniperus phoenicea</i> L. are proposed:</p> <p>Density d 20/20 0,864 - 0,873 Refraction n 20 D 1,4700 - 1,4720 Rotation alpha 20 D -1° - +4° Acid value 0,4 - 1 Ester value 2,5 - 7 Ester value after acetylation 10 - 23 Solubility 0.5-6 vol. in alcohol 96%, beyond that opalescence on dilution</p> | |

CONTRIBUTION FROM OTHER SOURCES:

N/A

REFERENCES:

This recommendation is based on the high acute toxicity of oils from *J. sabina* L. (R.E. Gosselin, H.C. Hodge, R.P. Smith & M.N. Gleason (1976), Clinical Toxicology of Commercial Products, 4th ed., Section II, p. 153, Williams & Wilkins Co., Baltimore), and the low acute toxicity of oils from *J. phoenicea* L. (private communication to IFRA).