

## Rue oil

|                  |           |                           |     |
|------------------|-----------|---------------------------|-----|
| <b>CAS N°:</b>   | 8014-29-7 | <b>Empirical formula:</b> | N/A |
|                  |           | <b>Structure :</b>        | N/A |
| <b>Synonyms:</b> | N/A       |                           |     |

|                 |                               |   |                |  |
|-----------------|-------------------------------|---|----------------|--|
| <b>History:</b> | <b>Initial reviews:</b>       | November 1974, October 1978, April 2001   |                |  |
|                 | <b>Current revision date:</b> | 2015                                      |                |  |
|                 | <b>Implementation date:</b>   | <b>For new submissions*:</b>              | Not applicable |  |
|                 |                               | <b>For existing fragrance compounds*:</b> | Not applicable |  |
|                 | <b>Next review date</b>       | 2020                                      |                |  |

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

### RECOMMENDATION:

### RESTRICTED

## RESTRICTIONS:

|  |                |  |                |
|--|----------------|--|----------------|
| <b>Limits in the finished product:</b>   |                |  |                |
| <u>Skin contact products:</u>  |                |  |                |
| <b>Leave on products:</b>  | 0.15%          | <b>Rinse-off products:</b>                   | No Restriction |
|  |                | <i>Including household cleaning products</i> |                |
| <b>Non skin contact products:</b>  | No Restriction |  |                |
| <b>Note box:</b>   |                |  |                |
| <p>The Standard is set due to the phototoxic effects of the material. The limit only applies to applications on skin exposed to sunshine, excluding rinse-off products (please refer to Table 4 of the QRA booklet for more detailed information).</p> <p>If combinations of phototoxic fragrance ingredients are used, the use levels have to be reduced accordingly. The sum of the concentrations of all phototoxic fragrance ingredients, expressed in % of their recommended maximum level in the consumer product, shall not exceed 100.</p> <p>Note: See remark on phototoxic ingredients in the <b>Introduction to the IFRA Standards (Appendix 8 to the IFRA Code of Practice)</b> and the <b>Standard on Citrus oil and other furocoumarins-containing essential oils</b>.</p> |                |  |                |
| <b>Fragrance material specifications:</b>  | N/A            |  |                |

### CONTRIBUTION FROM OTHER SOURCES:

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

### CRITICAL EFFECT:

### PHOTOTOXICITY

### REFERENCES:

This recommendation is based on the fact that Rue oil is known to contain psoralens and on the no-effect level of 0.8% found in hairless mice (P.D. Forbes, F. Urbach, R.E. Davis (1977), Fd. Cosmet. Toxicol. 15, 55-60 and communication from RIFM).