

## NITROBENZENE

**CAS N°:** 98-95-3

**Empirical formula:** C<sub>6</sub>H<sub>5</sub>NO<sub>2</sub>

**Synonyms:** Benzene, nitro  
Nitrobenzol  
Mirbane oil

---

**History:** Initial reviews: June 1974

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.

---

**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

---

**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)

---

## NITROBENZENE

**Critical effect:**      **Acute toxicity and skin toxicity**

**Rexpan Rationale / Conclusion:**

IFRA ban noted – REXPAN, September 2002.

**References:**

Christensen, H.E., Toxic Substances List, National Institute for Occupational Safety and Health (1972), p. 369.

---