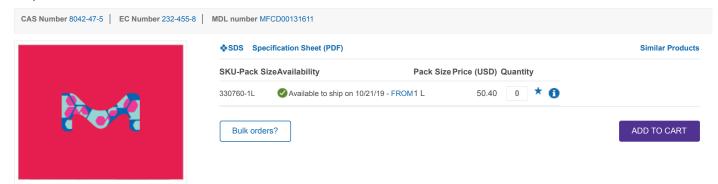
USA Home ≥ 330760 - Mineral oil



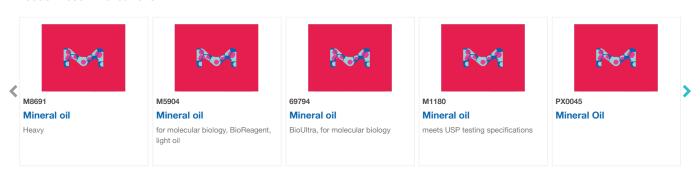
330760 Sigma-Aldrich

Mineral oil

heavy



Product Recommendations



Properties

form	liquid (colorless)
color	white
refractive index	n20/D 1.467 (lit.)
density	0.862 g/mL at 25 °C

Description

General description

Mineral oil is made up of saturated and aromatic hydrocarbons. [1] It is mainly found in hair oil formulations [2] and liquid emollients used in cosmetics. [3]

Application

Mineral oil has been used:

- in transplantation experiments^[4]
- in the preparation of Psuedomonas aeruginosa embedded beads[5]
- for diluting benzaldehyde and 3-octanol, for its use in short-term memory experiments [6]

Packaging

1 L in poly bottle

Safety Information

Documents

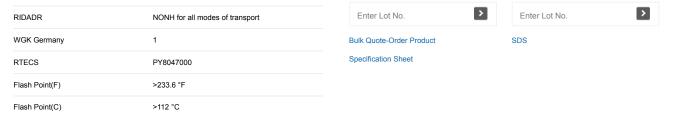
Personal Protective Equipment

Eyeshields, Gloves

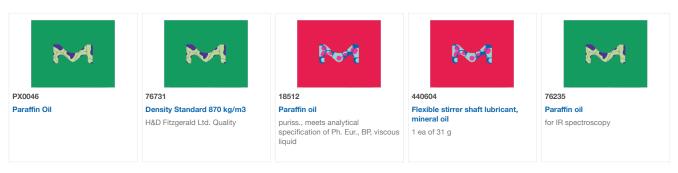
Certificate of Analysis

Certificate of Origin

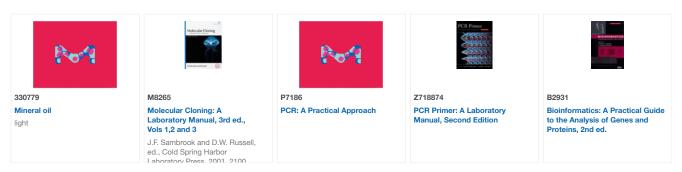
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(2009)

Effect of mineral oil, sunflower oil, and coconut oil on prevention of hair damage Rele AS & Mohile RB. Journal of Cosmetic Science 54(2), 175-192, (2003)

Study of sensory properties of emollients used in cosmetics and their correlation with physicochemical properties Parente ME & Solana G International Journal of Cosmetic Science 27(6), 354-354, (2005)

Xenotransplantation of embryonic stem cell-derived motor neurons into the developing chick spinal cord Liang Ge Stem Cells in Regenerative Medicine, -, (2009)

A lung segmental model of chronic Pseudomonas infection in sheep. Collie D, et al. PLoS ONE 8(7), -, (2013)

The involvement of potassium channel ORK1 in short-term memory and sleep in Drosophila Zhang X, et al. Medicine 96(27), -, (2017)

Probing the mechanical architecture of the vertebrate meiotic spindle. Takeshi Itabashi et. al

Nature methods, 6(2), undefined (2009-1-20)

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Angela Rouyar et. al
PloS one, 6(10), undefined (2011-10-27)
In nature the aerial trace of pheromone used by male moths to find a female appears as a train of discontinuous pulses separated by gaps among a complex odorant background constituted of plant volatiles. We investigated the effect of such background ...Read More

gammaCOP is required for apical protein secretion and epithelial morphogenesis in Drosophila melanogaster. Nicole C Grieder et. al PloS one, 3(9), undefined (2008-9-20)

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Leen Vandaele et. al

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Shai Kaplan et. al Molecular cell, 29(6), undefined (2008-4-1)

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Guangming Wu et. al
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Carla Danussi et. al

Molecular and cellular biology, 28(12), undefined (2008-4-16)
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In vivo growth of Pseudomonas aeruginosa strains PAO1 and PA14 and the hypervirulent strain LESB58 in a rat model of chronic lung infection.

Irena Kukavica-Ibrulj et. al

Journal of bacteriology, 190(8), undefined (2007-12-18)

Pseudomonas aeruginosa chronic lung infections are the major cause of morbidity and mortality in cystic fibrosis (CF) patients. The P. aeruginosa strains PAO1 and PA14 were compared with the Liverpool epidemic strain LESB58 to assess in vivo growth, ...Read More

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