

Kerosene

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Kerosene, sometimes spelled kerosine in scientific and industrial usage, is a flammable hydrocarbon liquid. The name is derived from Greek "keros" . It is commonly called paraffin oil or paraffin in the UK and South Africa ; the term kerosene is usual in much of Canada, the U.S., Australia, and New Zealand. Its heating value, or heat of combustion, is around 18,500 Btu/lb, or 43.1 MJ/kg, making it similar to that of diesel. It is widely used to power jet-engined aircraft, but is also commonly used as a heating fuel. ([From the Wikipedia article Kerosene](#).)

Recent Publications on Kerosene:



- [Desorption of Polycyclic Aromatic Hydrocarbons from a Soot Surface: Three- to Five-Ring PAHs.](#)
The kinetics of the thermal desorption of a set of three- to five-ring... 21st November, 2009
Institut de Combustion, Aerothermique, Reactivite et Environnement- J Phys Chem A. 2009 Nov 19. ([DOI Direct Link](#))
- [Study on the magnetorheological properties of maghemite-kerosene ferrofluid.](#)
As the ferrofluids are synthesized in a controlled atmosphere to Prevent... 18th November, 2009
Advanced Ceramics and Metallic Centre of Excellence, Iran University of- J Nanosci Nanotechnol. 2009 Jul;9(7):4273-8.
- [Cloud condensation nuclei and ice nucleation activity of hydrophobic and hydrophilic soot particles.](#)
Cloud condensation nuclei (CCN) activity and ice nucleation behavior (for... 13th November, 2009
Department of Atmospheric Science, Colorado State University, Fort- Phys Chem Chem Phys. 2009 Sep 28;11(36):7906-20. Epub 2009 Jul 28. ([DOI Direct Link](#))
- [Sensitivity improvement in ICP MS analysis of fuels and light petroleum matrices using a microflow nebulizer and heated spray chamber sample introduction.](#)
Reasons for signal suppression during the analysis of light petroleum... 20th October, 2009
CNRS-UPPA, UMR 5254, LCABIE, Helioparc, Pau, France.- Talanta. 2009 Dec 15;80(2):1039-43. Epub 2009 Aug 22. ([DOI Direct Link](#))
- [Characterization of new biosurfactant produced by Trichosporon montevidense CLOA 72 isolated from dairy industry effluents.](#)
The yeast strain CLOA 72 isolated from the effluent of a dairy industry in... 8th October, 2009
Departamento de Microbiologia, Instituto de Ciencias Biologicas,- J Basic Microbiol. 2009 Oct 6. ([DOI Direct Link](#))
- [Demographic and circumstantial accounts of burn mortality in Cape Town, South Africa, 2001-2004: an observational register based study.](#)
BACKGROUND: Burns are a persisting public health problem in low- and... 7th October, 2009
Crime, Violence and Injury Lead Programme, Medical Research- BMC Public Health. 2009 Oct 6;9:374. ([DOI Direct Link](#))

- [Paraffin-related injury in low-income South African communities: knowledge, practice and perceived risk.](#)
*OBJECTIVE: To explore what individuals at risk of injury from using...*29th September, 2009
Department of Psychology, University of Alabama at Birmingham, Birmingham,- Bull World Health Organ. 2009 Sep;87(9):700-6.
- [Extraction and separation of Co\(II\) and Ni\(II\) from acidic sulfate solutions using Aliquat 336.](#)
*Extraction and separation of Co(II) and Ni(II) from acidic sulfate...*29th September, 2009
Hot Laboratory Center, Atomic Energy Authority, P.O. 13759, Inshas, Cairo,- J Hazard Mater. 2009 Aug 22. ([DOI Direct Link](#))
- [Clinical and therapeutic aspects of childhood kerosene poisoning in Djibouti.](#)
*We report a prospective and descriptive study about childhood acute...*19th September, 2009
Intensive Care Unit,- Trop Doct. 2009 Oct;39(4):236-8. ([DOI Direct Link](#))
- [Recovery of acids from anaerobic acidification broth by liquid-liquid extraction.](#)
*In this study, anaerobic acidification of sugar beet processing wastes and...*15th September, 2009
Department of Environmental Engineering, Middle East Technical University,- Chemosphere. 2009 Nov;77(8):1137-42. Epub 2009 Sep 10. ([DOI Direct Link](#))
- [Clinical and subclinical endometritis in the mare: both threats to fertility.](#)
*Endometritis, a major cause of mare infertility arising from failure to...*13th August, 2009
Rood and Riddle Equine Hospital, Lexington, KY 40580, USA.- Reprod Domest Anim. 2009 Sep;44 Suppl 3:10-22. ([DOI Direct Link](#))
- [\[Production of biodemulsifier by Alcaligenes sp. XJ-T-1 with waste frying oil\]](#)
*As a new member of demulsifier family, biodemulsifier is applied in...*11th August, 2009
State Key Laboratory of Pollution Control and Resource Reuse, College of- Huan Jing Ke Xue. 2009 Jun 15;30(6):1779-84.
- [Determination of residual manganese in Mn porphyrin-based superoxide dismutase \(SOD\) and peroxynitrite reductase mimics.](#)
*The awareness of the beneficial effects of Mn porphyrin-based superoxide...*8th August, 2009
Department of Radiation Oncology, Duke University Medical School, Durham,- J Pharm Biomed Anal. 2009 Dec 5;50(5):1088-91. Epub 2009 Jul 9. ([DOI Direct Link](#))
- [The contribution of Irish urology to clinical practice.](#)
*PURPOSE: Historically, Irish doctors have made significant contributions...*1st August, 2009
Department of Surgery, Memorial Sloan Kettering Cancer Center, New York,- Urology. 2009 Nov;74(5):972-8. Epub 2009 Jul 30. ([DOI Direct Link](#))
- [Kerosene lamp "Kupi": lights the house, but may bring darkness to life.](#)
*In terms of mortality and morbidity, childhood burn comprises a...*23rd July, 2009
Institute of Child and Mother Health (ICMH), Dhaka, Bangladesh.- Mymensingh Med J. 2009 Jul;18(2):221-5.

Kerosene Patents:



- 7603900- [Leakage inspection apparatus for liquid storage tank technical field](#)
- 7608226- [Exhaust stream treatment](#)
- 7608560- [Platinum-titanium-tungsten fuel cell catalyst](#)
- 7608564- [3-heterocyclyl-substituted benzoyl derivatives](#)

- 7608567- [Degradable surfactants and methods for use](#)
- 7608571- [Method for recovering crude oil from a subterranean formation utilizing a polyphosphate ester](#)
- 7608572- [Car wash indicators](#)
- 7608746- [Process for producing propylene](#)
- 7608797- [High velocity thermal spray apparatus](#)
- 7608934- [Power packaging with railcars](#)
- 7609435- [Display medium, display device, and displaying method](#)
- 7608206- [Non-lead resistor composition](#)
- 7608182- [Method for reducing the amount of sulfur pick-up by hydrocarbon streams transported through a pipeline](#)
- 7608181- [Distillate fuel blends from Fischer Tropsch products with improved seal swell properties](#)
- 7603981- [Improper fuel mixing determining apparatus for internal combustion engine](#)
- 7604052- [Compositions produced using an in situ heat treatment process](#)
- 7604478- [Vapor resistant fuel burning appliance](#)
- 7604523- [Plasma-shell PDP](#)
- 7604672- [Additive for hydrocarbon fuel and related process](#)
- 7604685- [Method for the selective extraction of acids](#)
- 7604731- [Process for the production of needle coke](#)
- 7604742- [Soil conditioning products from organic waste](#)
- 7604869- [Olefinic thermoplastic elastomer laminate](#)
- 7605968- [Display medium](#)
- 7610692- [Systems for prevention of HAP emissions and for efficient drying/dehydration processes](#)
- 7610752- [Devices and methods for reduction of NO.sub.x emissions from lean burn engines](#)
- 7615518- [Composition for denaturing and breaking down friction-reducing polymer and for destroying other oil well contaminants](#)
- 7617617- [Process and apparatus for manufacture of fertilizer products from manure and sewage](#)
- 7617842- [Valves for fuel cartridges](#)
- 7618466- [Fuel compositions](#)
- 7618706- [Process for making high-performance polyethylene multifilament yarn](#)
- 7618762- [Polymer having polymerizable group, polymerizable composition, planographic printing plate precursor, and planographic printing method using the same](#)
- 7618921- [Image formation material](#)
- 7619030- [Automobile part of polypropylene resin composition](#)
- 7619319- [Network of energy generating modules for transfer of energy outputs](#)
- 7619591- [Addressing and sustaining of plasma display with plasma-shells](#)
- 7615295- [Hydrogen generator and fuel cell system](#)
- 7615144- [Hydrocarbon thermal cracking using hardfaced fittings](#)
- 7614385- [Gas engine](#)
- 7610962- [Sour gas injection for use with in situ heat treatment](#)
- 7611267- [Wheel illumination device](#)
- 7611333- [Multiple chamber pump and method](#)
- 7611550- [Slurry fuels and associated methods](#)
- 7611645- [Thick film conductor compositions and the use thereof in LTCC circuits and devices](#)
- 7612013- [Hydrocarbon-producing catalyst, process for producing the same, and process for producing hydrocarbons using the catalyst](#)
- 7612100- [Anthranilamides, process for the production thereof, and pest controllers containing the same](#)
- 7612105- [3-arylphenyl sulfide derivative and insecticide and miticide](#)
- 7612455- [Layered structure for electron device including regions of different wettability, electron device and electron device array that uses such a layered structure](#)
- 7614222- [System and method for directing fluid flow](#)
- 7619728- [Methods and systems for in-situ machinery inspection](#)

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