

## **PART 2 – AROMA CHEMICALS DERIVED FROM EFFLUENT FROM THE PAPER AND PULP INDUSTRY**

---

### **References and Bibliography**

---

ACS Monograph No. 88, American Chemical Society, 1942: Isomerisation of Pure Hydrocarbons

AECI Ltd Report: Dr Oldrich Mikus Technology Evaluation of Vanillin from Mondi Richard's Bay Kraft Black Liquor; January 1999

AECI Research and Development Department (AERD 1304/C): DGP De Vincentiis and MJ Mitchell.

AECI Vanillin Project Status Note: P Statham to B Shroff (Katzen Int) 30 November 1999

Boelens Aroma Chemical Information Service (BACIS), The Netherlands, 1997

Bollettino Chimico Farmaceutico, Vol 101, 519 – 526, (1962) French

Can. Patent 973,206 (Aug 14, 1975) to Anglo Paper Products

Chemica Stosowana, 2A, page 171, (1966)

Chemicals SA 2003: South Africa's Petrochemical Industry – Globalisation, Restructuring, and Government Policies

Chemical and Engineering News: July 14, 2003

Chemical and Engineering News: May 2002

Chieta Report: "A Demographic Profile of the Workforce in the Chemical Industries Sector and Sub-sectors" May 2002

HSRC Chieta Report "Skills Needs by the Chemical Industries Sector in South Africa" December 2003

SRI Chemical Economic Handbook Report: Aroma Chemicals and the Flavour and Fragrance Industry August 2001

Chemical Marketing Reporter: November 27, 2000

Chemical Marketing Reporter: Vol. 249, Issue 17, 1996

Compt. Rend. 246, 2793 – 2795 (1958))

CSIR Bio/Chemtek Project Documentation

Department of Science and Technology: A National Perspective: Contribution of Research and Innovation to the SA Economy.

Department of Trade and Industry Web-site: Overview of the South African Chemical Industry

Draft Emerging Biotechnology Roadmap: Department of Science and Technology: November 2003

## **PART 2 – AROMA CHEMICALS DERIVED FROM EFFLUENT FROM THE PAPER AND PULP INDUSTRY**

---

Food and Agricultural Organisation: Chapter 8: Turpentine from Pine Resin

Food and Agricultural Organisation: Gum Naval Stores - Turpentine and Rosin from Pine Resin

Freedonia Group News Release 2003

Greenlagh, P. (1982): The Production, Marketing and Utilisation of Naval Stores. Tropical Products Institute (now Natural Resources Institute)

IAL Consultants 2000: An Overview of the Global Flavours and Fragrances Market

Leffingwell and Associates

Manufacturing Chemist pg 22, 52, 153 (1951)

Manufacturing Chemist, pg 350 – 352 (1955)

National Biotechnology Audit: September 2003

Organic Chemistry: pg 316, (1956); Longmans, Green & Co., New York

Perfumer and Flavourist: 1978 Vol 3., No. 1, Page 45; John M. Derfer SCM Corporation

Seminar at the Helsinki School of Economics April 10, 2002: The New South Africa: Opportunities for Trade, Investment and Partnership

South African Commutable General Equilibrium Model

Tetrahedron, 18, 37 (1962)

Kerry Thompson: Arizona Chemical: Converting papermaking and citrus by-products to performance chemicals

UNDP Report: 2001 Technology and Development

U.S patent 3,359,342 (Dec 19 1967) to The Glidden Company

US patent 3,420,910 (Jan 7 1969) to SCM Corp.

US Patent 3,660 512 (1972) to Glidden Company

US Patent 3,278,623 (Oct 11, 1966) to Glidden Company.

US Patent 4,018,842 (April 19, 1977), to SCM Gildco

US Patent 3,925,485 (Dec 9, 1975) to Rhone Poulenc

US Patent 4,006,193 (Feb 1 1977) to Kuraray Co. Ltd.

US Patent 4,254,291 (Mar 3 1981) to SCM Corp

US Patent 3,346,650 (Pct 10, 1967) to The Glidden Company.

USSR Patent 118,498 (Mar 10 1959)

US Patent 4,005,031 (Oct 25 1977) to Hoffman La Roche

## **PART 2 – AROMA CHEMICALS DERIVED FROM EFFLUENT FROM THE PAPER AND PULP INDUSTRY**

---

USA Patent 2,060,597 (Nov 10 1936) Terpineol from Pinene

US Patent 2,420,131 (May 6 1947)

US Patent 3,031,442 (April 24, 1962) to Glidden Corp.