

# List of All Chemicals

## **P** Erythroxylum sp. (Erythroxylaceae)

### Common name(s)

Wild coca

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

| Chemical        | Part  | Low PPM | High PPM | StdDev | *Reference   |
|-----------------|-------|---------|----------|--------|--|
| (-)-HYDRINE     | Plant | --      | --       |        | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
| BENZOYLECGONINE | Plant | --      | --       |        | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
| COCAINE         | Plant | --      | --       |        | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |

#### Activities (27)

|                                     |  |  |  |  |  |
|-------------------------------------|--|--|--|--|--|
| Anesthetic                          | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.   |  |  |  |  |
| Anorexic                            | Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.  |  |  |  |  |
| Antiarrhythmic                      | Cardiology from Nature.(by Authur Hollman, s.d.) Teletronics Pacing System, London. 13 pp.   |  |  |  |  |
| Antibacterial                       |  |  |  |  |  |
| Antiepiastatic                      | Martindale's 29th  |  |  |  |  |
| Antifeedant                         |  |  |  |  |  |
| Arterioconstrictor                  |  |  |  |  |  |
| CNS-Stimulant<br>0.06 mg/kg ivn rat |  |  |  |  |  |
| CNS-Stimulant 20 mg/kg scu mus      | Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.   |  |  |  |  |
| Cardiotonic                         |  |  |  |  |  |
| Convulsant 10.5 mg/kg ivn rat       | Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.   |  |  |  |  |
| Debridemant                         | Martindale's 29th  |  |  |  |  |
| Dermatitigenic                      | Mitchell, J. and Rook, A.J. 1923. Botanical Dermatology: plants and plant products injurious to the skin. Vancouver: Greengrass, 1979. xiii, 787 p.: ill.  |  |  |  |  |
| Diuretic 10 mg/kg scu dog           | Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.   |  |  |  |  |
| Hallucinogen                        | Martindale's 29th  |  |  |  |  |
| Hepatotoxic                         |  |  |  |  |  |
| Hypertensive                        |  |  |  |  |  |
| Hypotensive                         |  |  |  |  |  |
| Mydriatic                           | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.   |  |  |  |  |
| Narcotic                            | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.   |  |  |  |  |
| Neurotoxic                          | R.J. Hixtable (Huxtable, R.J. (as T. Max). 1992. This and That:The Essential Pharmacology of Herbs and Spices. Tips 13:15-20 Huxtable, R.J. 1992b. The Myth of Benificent Nature. The Risk of Herbal Preparations. Anns. Intern. Med. 117(2):165-6; Huxtable, R. |  |  |  |  |
| Oculoirritant                       | Mitchell, J. and Rook, A.J. 1923. Botanical Dermatology: plants and plant products injurious to the skin. Vancouver: Greengrass, 1979. xiii, 787 p.: ill.  |  |  |  |  |
| Pesticide                           |  |  |  |  |  |
| Psychotomimetic                     | Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.  |  |  |  |  |
| Pyrogenic 5 mg/kg ivn mky           | Wilson, M. C., Bedford, J. A., Buelke, J., Kibbe, A. H. 1976. Acute Pharmacological Activity of Intravenous Cocaine in the Rhesus Monkey. Psychopharmacol Commun, 2: 251.  |  |  |  |  |
| Tremorigenic                        | Martindale's 28th  |  |  |  |  |
| Vasoconstrictor                     | Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.  |  |  |  |  |

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|----------|------|----|----|--|--|
| ECGONINE | Leaf | -- | -- |  | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
|----------|------|----|----|--|--|

#### Activities (2)

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|------------|--|--|--|--|--|
| Anesthetic | Merck 11th Edition   |  |  |  |  |
| Toxic      | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |  |  |  |  |

|         |       |    |    |  |  |
|---------|-------|----|----|--|--|
| HYDRINE | Plant | -- | -- |  | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
|---------|-------|----|----|--|--|

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|-------------|-------|----|----|--|--|
| METELOIDINE | Plant | -- | -- |  | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
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