

Pharmacy  
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1938

BIBLIOGRAPHY  
OF  
YELLOW LOTION  
AND  
BLACK LOTION  
AND  
WHITE LOTION

BY

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A THESIS SUBMITTED FOR THE DEGREE OF  
BACHELOR OF SCIENCE  
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LOTIO FLAVA

De Meuve, ----.

1689

Aqua Phagedaenica.

Dictionnaire Pharmaceutique ou Apparat De Medecine; 2 ed., p. 78.

Gives a formula & directions for the preparation  
of this lotion.

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Lemery, N.

1698

Lotio Flava.  
(Eau phagédénique.)

Cours de Chymie, Germ., trans., 7 ed., p. 288.

The corrosive sublimate of Mercury. This sublimate is a great remedy, with which one subdues the wounds and lets them heal. It eats away the fungous flesh and cleans the old wound throughout. If one takes a half a drachm of it and places it in a pound of limewater, it will make the limewater appear yellow, and out comes Aqua Phagedaenica (eau Phagédénique).

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Lemery, N.

1698

Aqua divina, Fernelii.

Pharmacopée Universelle, etc., 1 ed., p. 799.

Gives a formula for this lotion.

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Lemery, N.

1716

Aqua Phagedaenica, Eau phagédénique,  
Eau Ulcerere, Eau jaune.

Pharmacopée Universelle, 2 ed., pp. 47, 846; *ibid.*, 3 ed., p. 846; 4 ed., p. 610; 5 ed., v. 2, p. 936.

Gives a formula and directions for the preparation of the above lotion. Also calls it; "eau ulceraire"  
"Eau jaune."

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(Committee)

1736

(Lotio Flava.)  
Aqua Phagedaenica.

Pharmacopoea Taurinensis, 1 ed., p. 143.

Gives the following formula:--R<sub>X</sub> aquae Calcis primae libras duas, Mercurii fublimata corrofivi drachman unam. Etc.

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(Committee)

1754

Aqua Phagedaenica.

Pharmacopoea Wirtembergica, 3 ed., pt. 2, p. 22. (Pharmacopoea Universalis 3 ed., v. 2, p. 168; ibid., 4 ed., v. 2, p. 177.)

Gives a formula for the lotion, with directions for its preparation and use.

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Lemery, N.

1764

Lotio Flava.  
(Phagedaenica.)

Pharmacopée Universelle, 5 ed., v. 1, p. 42.

Translation from French.

To make this remedy vulerary or proper in order to wash old ulcers and destroy the fungous flesh, one takes lime water and strengthens it by the addition of corrosive sublimate.

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(Committee)

1772

Lotio Flava.

Pharmacopoea Danica, (Pharmacopoea Universalis, 4 ed., v. 2. p. 177.)  
p. 129.

Gives the following formula for Yellow Wash:  
Aqua Phagaedaenica

R. Aquae calcis vivae libram unam, Mercurii fub-  
limati corrofivi femidrachmam.  
Solvantur.

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(Committee)

1773

(Lotio Flava.)

Pharmacopoea Sardea., 1 ed., p. ---. (Pharmacopoea Universalis, 3 ed.,  
v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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Spielmann, D. J. R.

1783

Aqua Phagedaenica Lemery.

Pharmacopoea Generalis, 1 ed, pt. 2, p. 37. (Pharm. Universalis, 3 ed.,  
v. 2, p. 169; *ibid.*, 4 ed., v. 2, p. 177.)

Gives a formula for and a method of preparation of  
this lotion and also mentions its use and the following synonym:

Aqua Phagedaenica Lemery.  
Liquor Mercurialis Auftriacco-Prov.  
Aqua Divina Fernelii.

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Boedinger, E. G.

1784

Aqua Phagadaenica Lemery.

Pharmacopoea Edinburgensis, additamenta adiecit, --ed., p. 236.

Gives a formula for the lotion.

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(Committee)

1792

Aqua Phagadaenica.

Pharmacopoea Amstelodamensis Nova, p. 157. (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The following formula is given:

R<sub>x</sub> Mercurii fublimati corrofivi femidrachmam, /  
Aquae calcis libram unam.  
Mifce.

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Wappler, Christianum, F.

1794

Aqua Phagedaenica.

Pharmacopoea Austriaco-Provincialis, emendata ---,-- ed., p. 85.

The following formula is given:

R<sub>x</sub> Mercurii fublimati corrofivi grana XXIV.  
Salis Ammoniaci drachm. J.  
Aquae destillatae libr. IV.  
Solvantur et filtrata ferventur.

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(Committee)

1796

(Lotio Flava)

Pharmacopoea Herbipolitava, 2 ed., p. ---. (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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Swediaur, F.

1799

(Lotio Flava.)

Pharmaeopoea Syphilitica ----, p. ----. (Pharmaeopoea Universalis, 3 ed., v. 2, p. 169; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1803

(Lotio Flava.)

Pharmacopoea Rossica., -- ed., p. ----. (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1803

(Aqua Phagedaenica.)  
Aqua Muriatico Mercurialis Rubra.

Pharmacopoea Hispanica, 3 ed., p. 202. (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The following formula and directions are given:

R<sub>X</sub> Muriatis oxigenati hydrargyri sublimatis cru- /  
pulum unum,  
Carbonatis Potassae communis drachm unam /,  
Aquae distillatae libram unam.

This formula varies with other previous formulas in that  $K_2CO_3$  is added.

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Eau Phagédénique.

Formulaire Pharmaceutique à l'usage des hôpitaux militaire de France; ibid., ---ed., p. 209. (Pharmacopoea Universalis 3 ed., v. 2, p. 168; ibid., 4 ed., v. 2, p. 177.)

The 1811 was not available.

The 1870 edition gives the following data:

Bichlorure de mercure	4 grammes
Eau de Chaux	1200

Faites dissoudre le bichlorure dans environ 100 grammes / d'eau distillée. Versez cette solution dans l'eau de Chaux et / agitez. Et se forme un abondant précipite jaune. /

Agitez. pour l'usage. /  
Rendement: 1300, grammes. /  
Employée à l'extérieur, en lotions. /

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Brugnatelli, L. V.

1811

(Lotio Flava).  
Eau Phagedénique.

Pharmacopée générale, etc., v. 1, p. 282. (Pharmacopoea Universalis, 3 ed., v. 2, p. 169; ibid., 4 ed., v. 2, p. 177.)

Gives a formula for and a method of preparation of this lotion with the following synonyms:

Eau Phagedénique.  
Aqua phagedénica. Lat.  
Acqua fagedénica. Ital.  
Phagedenic Water. Engl.

(Lotio Flava.)

Pharmacopoea Manualis, -- ed., p. ---. (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; ibid., 4 ed., v. 2, p. 177.)

The original was not available.

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Swediaur, F.

1817

(Lotio Flava.)

Pharmacopoea medici practici univers., 12 ed., v. 3, p. ---. (Pharmacopoea Universalis, 3 ed., v. 2, p. 169; ibid., 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1818

(Lotio Flava.)

Pharmacop. militaris Danica, --ed., p. ---., (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; ibid., 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1819

Aqua Phagedaenica.

Pharmacopoea Hannoverana, 1 ed., ---, p. 148. (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; ibid., 4 ed., v. 2, p. 177.)

Gives the following formula and directions:

R<sub>X</sub> Aquae Calcariae Uncias sedecim, / Hydrargyri  
muriatici corrosivi grana Vi- / ginti quatour. /

Solve et serva. /

riatici. /  
Vis: fallens ob decompositionem hydrargyri mu- /

Usus: externe in carne luxuriante, et ulceribus /  
impuris, maxime venereis. /

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Vans Mons, J. B.

1821

Eau Phagedenique.

Pharmacopée usnelle, theorique et pratique, 1 ed., v. 1, p. 276.  
(Pharmacopoea Universalis, 3 ed., v. 2, p. 169; ibid., 4 ed., v. 2,  
p. 177.)

Gives several formulas with method of preparation  
for the preparation of this lotion.

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Lindouer, J. S.

1822

Lotio Flava.

Pharmacopoea Bavarica, Edita, ---, p. ----. (Pharmacopoea Universalis,  
3 ed., v. 2, p. 168; ibid., 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1823

(Lotio Flava.)

Pharmacop. Parmensis., ---ed., p. ----.(Pharmacopoea Universalis, 3 ed.,  
v. 2, p. 168; ibid., 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1825

(Lotio Flava.)

Farmacopea Ferrarese, 18 ed., p. ----. (Pharmacopoea Universalis, 3 ed.,  
v. 2, p. 168; ibid., 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1825

(Lotio Flava.)

Ferrarini Farmacopea, ---ed., p. ---. (Pharmacopoea Universalis, 3 ed., v. 2, p. 169; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1826

(Lotio Flava.)

The medical formulary etc., 2 ed., p. ---. (Pharmacopoea Universalis, 3 ed., v. 2, p. 169; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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Taddei, G.

1826

(Lotio Flava.)

Farmacopea generale, --ed., p. ---. (Pharmacopoea Universalis, 3 ed., v. 2, p. 169; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1827

Aqua Phagedaenica.

Pharmacopoea Hassiae elect. Cassellis, 1 ed., p. 203. (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The following formula and directions are given:

Rp. Mercurii sublimati Corrosivi Grana duo. /  
Conterantur in mortario porcellaneo exacte cum /  
Aqua calcis Uncia una cum dimidia. /  
Paratur ex tempore. /

Also is called "Altschadenwasser"

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Ratier, F. S. & Henry, O. Fils.

1828

Lotio Flava.

Pharmacopoea Gallica, 1 ed., p. ---. (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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Dulk, F. P.

1829

Lotio Flava.

Pharmacopoea Borussica, 5 ed., (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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Pfaff, C. H.

1831

Lotio Flava .

Pharmacopoea Slesvico-Holsatica, 1 ed., p. 176. (Pharmacopoea Universalis, 4 ed., v. 2, p. 177.)

Gives the following formula and method of Procedure:

Aqua Phagedaenica

Phagedaenisches Wasser.

Rc. Hydrargyri <sub>m</sub>uriatici corrosivi Grana Vi- / ginti  
quatuor.

Misce cum

Aquae Calcariae Unciis sedecim. /

Serva. Agita Ante dispensationem. /

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Sit agitata plena flocculorum luteoflavorum. /

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(Lotio Flava).  
Liquor Hydrargyri Muriatici.

Handwörterbuch der Chemisch--pharmazeutischen and pharmakognostischen  
Nomenklaturen, (1 ed.) ----. -. 213.

Synonyms as listed:

- Latin: "Liquor hydrargyri muriatici Corrosivi  
Liquor mercurialis  
Aqua phagedaenica  
\* Aqua phagadaenica  
Aqua divina  
Liquor muriatis deutoxydi hydrargyri calcorei  
Liquor hydrargyri oxymuriatici  
Aqua divina Fernelii  
Liquor hydrargyri Corrosivi  
Liquor hydrargyri muriatosi  
Liquor muriatis hydrargyri  
Solutis muriatis hydrargyri oxygenati  
Murias hydrargyri Ammoniacalis solutus.
- German: Altzende Quecksilber flüssigkeit  
Altzquecksilber flussigkeit  
Gelöstes quecksilber haltiges salzsaures Ammonium  
Phagedänisches Wasser  
\* Phagadänisches Wasser  
Sublimatwasser  
Altzendes Sublimatwasser  
\* Altwasser  
\* Salzsäure Altzquecksilber flüssigkeit  
Lösung des ätzenden salzsauren Quecksilbers  
Altzsalzigtsauer quecksilber lösung  
Altzende salzsäure Quecksilberauflösung
- French: Eau mercurielle  
Muriate ammoniacal de mercure liquide  
Eau de Mercure sublimé  
Eau phagédénique."

\*Those marked as illustrated in margin are not found in 2 ed., 1861.

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(Committee)

1833

Aqua Phagedaenica.

Pharmacopoea Hannoverana. Nova, ed., pp. 165 & 166. (Pharmacopoea Universalis, 3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The following formula and directions are given:

R<sub>X</sub> Aquae calcariae Uncias sedecim, / Hydrargyri  
muriatici corrosivi Grana Vi- / ginti quatuor.

Solve et conserva.

Vis: fallens ob decompositionem hydrargyri /  
muriatici. /

Usus: externe in carne luxuriante, et ulce-  
ribus impuris, maxime venereis. /

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(Committee)

1833

(Lotio Flava).

Pharmac. Taurinensis etc., -- ed., p. ---. (Pharmacopoea Universalis,  
3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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Del-Bue, C. G.

1835

Lotio Flava.

Farmacopea teorico-practica, v. 2, p. ---. (Pharmacopoea Universalis,  
3 ed., v. 2, p. 169; *ibid.*, 4 ed., v. 2, p. 177.)

The original was not available.

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Gray, S. F.

1836

Yellow Wash.

Suppl. to the Pharmacopoeia etc., 6 ed., p. 341. (Pharmacopoea Univer-  
salis, 3 ed., v. 2, p. 168; *ibid.*, 4 ed., v. 2, p. 177.)

Gives a formula for this lotion a method of preparation and its use.

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(Committee)

1837

Lotio Flava.

Pharmacopoea Graeca, edid., v. 1, pt. 1, p. 20. (Pharmacopoea Universalis, 4 ed., v. 2, p. 177.)

Gives a formula for and method of preparations of Yellow Wash. Also lists names under which it is known in other countries.

Greek--Aqua phagedaenica rubra;  
Aqua muriatico-mercurialis rubra;  
Solutio Muriatis Calcariae hydrargyrata;  
Ital.--Aequa fagedinica;  
Fr.----Eau phagédénique  
Eng.---Yellow Wash  
Ger.---Tothes phagedänisches Wasser.

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Rennie, J.

1837

Lotio Flava.

A new supplement to the Pharmacopoeias of London etc., 4 ed., p. 238. (Pharmacopoea Universalis, 3 ed., v. 2, p. 169; *ibid.*, 4 ed., v. 2, p. 177.)

Gives a formula and a method of preparation and the uses of yellow wash.

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(Committee)

1840

Lotio Flava.

Pharmacopoea militaris Borussica, --- ed., p. 31. (Pharmacopoea Universalis, 4 ed., v. 2, p. 177.)

Give the following formula for Yellow Wash:

"Aqua phagedaenica  
R<sub>x</sub> Hydargyri muriatici corrosivi triti Grana  
Vi- / ginti quatuor. /  
Odde  
Aquae calcariae Uncias sedecim.  
Liquorem praecipitato croceo refertum non / nisi  
agitatum dispensa. / "

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(Committee)

1840

Lotio Flava.

Pharmacopoea nosocomiorum civilium Argentinensium, ---ed., p. ---.  
(Pharmacopoea Universalis, 4 ed., v. 2, p. 177.)

The original was not available.

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(Committee)

1840

Lotio Flava.

Pharmacopoea Universalis, 3 ed., v. 2, p. 169.

Gives formulas directions, for preparing the  
solution, and a list of synonyms by which it is also known.

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Landmann, ---.

1841

Lotio Flava.

(Nord. Centralalbe, 1841. S. 140) (Jahresber(icht) d(e) Pharm(azie)  
v. 1, p. 156.)

Experimented with the above lotion and found the  
precipitate in aqua Phagadaenica to be a combination of Mercuric oxide  
and Mercuric Chloride and upon heating the precipitate got Calomel  
"sauerstoff".

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Gmelin, L.

1852

(Lotio Flava).

Aqua phagadaenica.

Hand-Book of Chemistry, 6, p. 9.

Mercuric Oxide

Refers to the above lotion under the properties of HgO, as being "(A mixture of lime-water and proto-chloride of mercury)"

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Wood, G. B. & Bache, F.

1858

Lotio Flava.

Disp. U.S.A., 11 ed., p. 1086.

Give a method of preparation and formula of Black Wash.

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Anthon, Ernst Friedrich

1861

(Lotio Flava).

Liquor hydrargyri muriatici.

Handwörterbuch der Chemisch-pharmazeutischen, etc., 2 ed., p. 272.

Synonyms as listed:

- Latin: \*
- \* "Liquor hydrargyri muriatici corrosivi
  - \* Liquor mercuriacis
  - \* Aqua phagedaenica
  - \* Aqua divina
  - \* Liquor muriatis deutoxydi hydrargyri calcarei
  - \* Liquor hydrargyri oxymuriatice
  - \* Aqua divina Fernelii
  - \* Liquor hydrargyri muriatosi
  - \* Liquor muriatis hydrargyri
  - \* Solutio muriatis hydrargyri oxygenati
  - \* Murias hydrargyri ammoniacalis solutus

German: \* Altzende Quecksilberflüssigkeit  
\* Altzquecksilberflüssigkeit  
\* Gelöstes quecksilberhaltiges salzsaures Ammonium.  
\* Phagedänisches Wasser  
\* Sublimat Wasser  
\* Altshadenwasser  
\* Altzendes Sublimatwasser  
\* Sublimatwasser  
Lösung des atzenden salzsauren Quecksilbers.  
Altzsalzigt sauerquecksilberoxydwasser  
\* Merkurialwasser  
Schadenwasser  
Altzsalzsigtsauerquecksilberlösung  
Altzende salzsaure Quecksilberauflösung.

French: Eau mercurielle  
Muriate Ammoniacal de meure liquide  
Eau de mercure sublimé  
Eau phagédénique.

\* Also in 1 ed., Q. V.

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King, J.

1864

Lotio Flava.

Am. Disp., 6 ed., p. 1385; *ibid.*, 8 ed., p. 1285; 10 ed., p. 1285; *ibid.*,  
15 ed., p. 1285; *ibid.*, 16, ed., p. 1285; *ibid.*, 18 ed., 3 rev., v. 2,  
pp. 1006 & 1205.

"Used as an application to venereal, scrofulous, and  
phage- / denic ulcers, is prepared by adding 2 or 3 grains of corrosive  
subli- / mate to a fl. oz. of limewater. When employed, it should be  
well / shaken, and used the turbid state /."

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(Committee)

1865

Aqua Phagedaenica.

Pharmacopoea Germaniae, 1 ed., p. 30.

The following formula and directions are given:

R<sub>X</sub> Hydrargyri bichlorati corrosive partem unam, . 1.  
solve in Aquae Calcariae partibus trecentis 300.

Sit turbida, in quiete praecipitatum e flavo  
auran- / tiacum deponens. / Si requiritur ex tempore paretur. /

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Dorvault, F. L. M.

1867

Eau phagédénique.

L'Officine De Pharmacie Pratique, 7, ed., p. 420; *ibid.*, 10 ed., p. 426;  
*ibid.*, 14 ed., p. 426; *ibid.*, 15 ed., p. 623; *ibid.*, 17 ed., p. 680;  
*ibid.*, 17 ed., v. 3, p. 680.

Gives a formula for and a method of preparation for  
the above lotion. Also lists the following synonyms:

Hydrolé mercuriel calcaire  
Eau divine de Fernel.

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Wood, G. B. & Bache, F.

1871

Lotio Flava.

Disp. U.S.A., 13 ed., pp. 1201 & 1277.

Give the formula of the British Pharmacopoeia under  
"Lotions".

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Stille, A., & Maisch, J. M.

1879

Lotio Hydrargyri Flava, Br.  
Yellow Mercurial Lotion.

Nat., Disp., 1 ed., p. 862; *ibid.*, 2 ed., p. 878; 3 ed., p. 937; 5 ed.,  
p. 998.

Give a method of preparation and the surgical action and uses of the above lotion.

"Aquea phagedaenica, P. G.--Yellow Wash, E.; Eau phagédénique, Eau divine de Fernel, Fr.; Phagedanisches Wasser, Altschadenwasser, G."

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Wood, G. B. & Wood, H. C.

1879

Lotio Flava.

Disp. U.S.A. 14 ed., pp. 1240, 1317; 15 ed., pp. 749 & 904.

Give a formula and method of preparation of Yellow Wash.

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(Committee)

1886

Lotio flava (Yellow Wash, Aqua phagedaenica flava).

Proc. A. Ph. A., 34, p. 252.

"Corrosive Chloride of Mercury 24 gr., Water a suff. quant., Solution of Lime enough / to make 16 fl. oz.

Dissolve the corrosive chloride of Hg in 4 fl. dr. of boiling H<sub>2</sub>O, & add the solution to enough solution of lime, with agitation, to produce 16 fl. oz. of product. (N.F.C.)

Note..Usual strength is 1 in 300.

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(N.F.C.)

1886

Lotio Flava.

Proc. A. Ph. A., 34, p. 252.

A formula and a method of preparation for this lotion are given. An additional note adds that the usual strength is "1 in 300".

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Lotio Flava.  
Yellow lotion. (Germ. Pharm.)  
Yellow Wash, Aqua Phagedoenica Flava.

Corrosive Chloride of Mercury. . . . . 24 grs.  
Water, a sufficient quantity  
Solution of Lime, enough to make 16 fluidounces

Dissolve the corrosive chloride of Mercury in one-half ( $\frac{1}{2}$ ) fluid- / ounce of boiling water, and add the solution to a sufficient quantity of solution of lime, to make sixteen (16) fluid-ounces / . This mixture should be well agitated whenever any of it is to be / dispensed.

Lotio Flava.  
Yellow Lotion.  
Yellow Wash. Aqua Phagedoenica Flava.

Corrosive Chloride of Mercury, three Grammes. . . . . 3 Gm.  
Boiling Water,  
Solution of Lime (U.S.P.), of each, a sufficient quantity  
To make one thousand cubic . centimeters 1000 Cc.

Dissolve the corrosive chloride of Mercury in thirty-five (35) cubic centimeters of boiling water and add the solution to a sufficient quan- / tity of solution of Lime, to make one thousand (1000) cubic centimeters / .

This mixture should be well agitated whenever any of it is to be / dispensed.

Lotio Flava.

Disp. U.S.A., 16, ed., pp. 770, 936, 1661.

Give a method of preparation and a formula for yellow lotion.

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Wood, H. C., Remington, J. P. Sadtler, S. P.

1894

Lotio Flava.

Disp. U.S.A., 17 ed., pp. 688, 836 & 1511.

Give a formula and a method of preparation of Yellow Wash.

Wood, H. C., Remington, J. P., Sadtler, S. P.

1899

Lotio Flava.

Disp. U.S.A., 18 ed., pp. 689, 835 & 1518.

Give a formula and method of preparation and directions for Yellow Wash.

N. F. III., 1906, 3 ed.

102

Lotio Flava.

Yellow Lotion.

Yellow Wash. Aqua Phagedoena Flava.

	<u>Metric</u>	<u>Apothecaries</u>
Corrosive Mercuric chloride, . . . . .	3 Gm.	48 grains
Solution of Lime (U.S.P.),		
Boiling Water, of each, a sufficient quantity		
To make . . . .	1000 Cc.	32 fluidounces

Dissolve the Corrosive Mercuric Chloride in 35 Cc. (or 1 fluidounce) / of boiling Water, and add the solu- / tion to a suf- / ficient quantity of Solution of Lime, to make 1000 Cc. (or 32 fluidounces).

This mixture should be well agitated whenever any of it is to be / dispensed.

Wood, H. C., Remington, J. P., Sadtler, S. P.

1907

Lotio Flava.

Disp. U.S.A., 19 ed., pp. 619, 749 & 1803.

Besides giving a formula and method of preparation they state that it is used externally in skin diseases.

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Remington, J. P., & Wood, H. C.

1918

Lotio Flava.

Disp. U.S.A., 20 ed., pp. 668, 669, & 1815.

This lotion has been especially recommended in "scrofulous conjunctivitis." (syphilitic ulcers).

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N. F. V., 1926, 5 ed.

p. 152

Lotio Flava.

Yellow Lotion.

Lot. Flav. Yellow Wash Aqua Phagedoenica Flava

Corrosive Mercuric Chloride . . . . .	3 Gm.
Boiling Water . . . . .	.35 Cc.
Solution of Calcium Hydroxide, a sufficient quantity,	
To make	<u>1000 Cc.</u>

Dissolve the corrosive mercuric chloride in the boiling water, and / add the solution gradually, with constant agitation, to sufficient solution of calcium hydroxide to make the product measure 1000 cc.

Shake the Lotion thoroughly before dispensing.

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Wood, H. C. & Lawall, C. H.

1926

Lotio Flava.

Disp. U.S.A., 21 ed., pp. 665 & 1671.

Give a formula and method of preparation of Yellow Wash.

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Lotio Flava.  
Yellow Lotion.  
Lot. Flav. Yellow Wash Aqua Phagedaenica Flava

Mercury Bichloride . . . . .	3 Gm.
Distilled Water, boiling . . . . .	.35 cc.
Solution of Calcium Hydroxide, a sufficient quantity,	
To make	1000 cc.

Dissolve the corrosive mercuric chloride in the boiling water, and / add the solution gradually, with constant agitation, to sufficient of the / solution of Calcium hydroxide to make the product measure 1000 cc. /.

NOTE: Shake the Lotion thoroughly before dispensing. This / Lotion should be freshly prepared, as the precipitate has a tendency to / coagulate into larger particles on standing for some time. /

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Wood, H. C. & Lawall, C. H.

1937

Lotio Flava.

Disp. U.S.A., 22 ed., p. 650.

Give directions for mixing and the chemical reactions involved in making this preparation. Also gives the uses of this lotion.

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LOTIO NIGRA

Swediaur, F.

1799

Lotio Nigra.

Pharmacopoea syphilitica, p. ---. (Pharmacopoea Universalis, 4 ed., v. 2, p. 175; *ibid.*, 3 ed., v. 2, p. 168.)

The original was not available.

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Niemann, J. F.

1811

Lotio Nigra.

Zusatze zu Pharmacopoea Botanig.p. (Pharmacopoea Universalis, 4 ed., v. 2, p. 175; *ibid.*, 3 ed., v. 2, p. 168.)

The original was not available.

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Swediaur, F.

1817

Lotio Nigra.

Pharmacopoea medici practici universalis, Van Mons, 12 ed., v. 3, p. ---. (Pharmacopoea Universalis 4 ed., v. 2, p. 175; *ibid.*, 3 ed., v. 2, p. 168.)

The original was not available.

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(Committee)

1818

Lotio Nigra.

Pharmacopoea militaris Danica. -- ed., p. ---. (Pharmacopoea Universalis 4 ed., v. 2, p. 175; *ibid.*, 3 ed., v. 2, p. 168.)

The original was not available.

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Van Mons, J. B.

1821

Eau Phagedenique Noire.

Pharmacopoe Uselle, theorique et pratique. 1 ed., v. 1, p. 277.  
(Pharmacopoea Universalis, 3 ed., v. 2, p. 147; *ibid.*, 4 ed., v. 2,  
p. 175.)

Gives a formula for and a method of preparation of  
this lotion.

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Augustin, F. L.

1822

Lotio Nigra.

Pharmacopoea extemporanea, etc., 2 ed., p. ---. (Pharmacopoea univer-  
salis, 4 ed., v. 2, p. 175; *ibid.*, 3 ed., v. 2, p. 168.)

The original was not available.

---

Ellis, B.

1829

Lotio Nigra.

The medical formulary etc., 2 ed., p. ---. (Pharmacopoea universalis,  
4 ed., v. 2, p. 175; *ibid.*, 3 ed., v. 2, p. 168.)

The original was not available.

---

Gray, S. F.

1831

Lotio Nigra.

Supplement to the Pharmacopoea etc., -- ed., p. ---; *ibid.*, ed., 6,  
p. 345. (Pharmacopoea Universalis, 4 ed., v. 2, p. 175; *ibid.*, 3 ed.,  
v. 2, p. 168.)

The original was not available.

Gives amounts of ingredients used in this lotion  
and says it is used in syphilis.

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Van Mons, J. B.

1821

Eau Phagedenique Noire.

Pharmacopoe Uselle, theorique et pratique. 1 ed., v. 1, p. 277.  
(Pharmacopoea Universalis, 3 ed., v. 2, p. 147; *ibid.*, 4 ed., v. 2,  
p. 175.)

Gives a formula for and a method of preparation of  
this lotion.

---

Augustin, F. L.

1822

Lotio Nigra.

Pharmacopoea extemporanea, etc., 2 ed., p. ---. (Pharmacopoea univer-  
salis, 4 ed., v. 2, p. 175; *ibid.*, 3 ed., v. 2, p. 168.)

The original was not available.

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Ellis, B.

1829

Lotio Nigra.

The medical formulary etc., 2 ed., p. ---. (Pharmacopoea universalis,  
4 ed., v. 2, p. 175; *ibid.*, 3 ed., v. 2, p. 168.)

The original was not available.

---

Gray, S. F.

1831

Lotio Nigra.

Supplement to the Pharmacopoea etc., -- ed., p. ---; *ibid.*, ed., 6,  
p. 345. (Pharmacopoea Universalis, 4 ed., v. 2, p. 175; *ibid.*, 3 ed.,  
v. 2, p. 168.)

The original was not available.

Gives amounts of ingredients used in this lotion  
and says it is used in syphilis.

---

(Committee)

1832

Lotio Nigra.

Pharmacopoea Universalis, 3 ed., v. 2, p. 147.

In addition to several formula and methods of preparations, comments as follows:

"In washungen besonders bei den Engländern, bei sogenannter venerischer krätze, altem weissen fluss and bisweilen auch zum verbinden venerischer geschwüre."

---

(Committee)

1835

Lotio Nigra.

Codex medicamentarius Hamburgensis, Sect., ---, pt. 3, p. 19.  
(Pharmacopoea Universalis, 4 ed., v. 2, p. 175; *ibid.*, 3 ed., v.2, p. 168.)

Gives a formula for and method of preparation of as follows:

" 4 Unz. kalkwasser und 1 Drachme Kalomel sind / ex tempore zu mischen /. Trübe, in der Ruhe einen schwarz-grauen Bodensatz machend /."

Called: "Black Wash" and also "Gray Lotion".

---

(Committee)

1837

Lotio Nigra

Pharmacopoea Graeca, edid. VI., Pt. 1, p. 20. (German transl.)  
(Pharmacopoea Universalis, 4 ed., v. 2, p. 175)

"Grau Calomel werden mit 1 unze kalkwasser / verrieben. Giebt einen grauen Bodensatz and mus war dem dispensiren geschüt- / telt werden."

---

(Committee)

1840

Lotio Nigra.

Pharmacopoea Universalis, 3 ed., v. 2, p. 168.

Gives formulas, directions, and uses of this preparation with the following synonyms:

1. Liquor Hydrargyris muriatici mitis cum calcaria usta; 2. Aqua nigra S. Hydrargyri muriatici mitis nigra; S. 3. mercurialis nigra; 4. Lotio Hydrargyri S. 5. nigra S. 6. Hydrargyri nigra; 7. Black Wash.

---

(Committee)

1840

Lotio Nigra.

Pharmacopoea Universalis, 3 ed., v. 2, p. 168.

Gives several formulas for and methods of preparation of Balck Wash, directions as to the use of this preparation, and a list of synonyms by which it is also known.

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(Commission)

1840

Lotio Nigra.

Pharmacopoea Militaris, Kjöbenhavn, -- ed., p. 12. (Pharmacopoea Universalis, 4 ed., v. 2, p. 175.)

Gives the following formula:

R<sub>X</sub> Hydrargyri muriatici mitis pulverati / grana sedecim, / Aquae calcis uncias quatuor / Misceantur. Bene agitetur, Antequam dispensetur. /"

---

(Committee)

1840

Lotio Nigra.

Pharmacopoea Danica. Nova edit., p. ---. (Pharmacopoea Universalis, 4 ed., v. 2, p. 175.)

The original was not available.

---

Rennie, J.

1837

Lotio Nigra.

A new supplement to the Pharmacopoeas of London etc., 4 ed., p. 238. (Pharmacopoea Universalis, 3 ed., v. 2, p. 143; *ibid.*, 3 ed., v. 2, p. 168.)

Gives a formula for preparation of black wash and also tells of the uses.

"It is one of the best lotions for venereal sores, sloughing ulcers, and the fungous excrescences of paronychia. It is to be applied on lint."

---

(Committee)

1846

Lotio Nigra.

Pharmacopoea Universalis, 4 ed., v. 2, p. 175.

Gives various names, given below, applying to Lotio Nigra and mentions several formulas from various Pharmacopoeias, for its preparation of: 1. Liquor Hydrargyri Muriatici mitis / cum calcaria usta, 2. Aqua Phagedaen/ica nigra, 3. Aqua nigra, 4. Hydrargyri / muriatici mitis nigra, 5. Hydrargyri mercurialis / nigra, 6. Lotio Hydrargyri, 7. Lotio nigra /, 8. Lotio Hydrargyri nigra, 9. Black Wash.

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Wood, G. B. & Bache, F.

1854

Lotio Nigra.

Disp., U.S.A., 10 ed., p. 1033.

Give a formula and method of preparation of Black Wash and also mention its use as a local application to syphilitic ulcers.

---

Lotio Nigra.

Disp. U.S.A., 11 ed., p. 1093.

Change the name from "niger" to "nigra".

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Lotio Nigra.

(Aqua Phagedaenica nigra).  
"Calomel and Lime Water".

Pharm(aceutical) Jour(nal) (&) Trans(actions), Sec. S. V. 1, p. 194.  
(Jahresber(icht) d(er) Pharm(azie) V. 19, p. 105.)

"When calomel & lime-water are mixed together, and the suboxide formed, separated by filtration, mercury may be detected in the filtrate!" "Whether the supernatant portion is serviceable as a lotion, would be worth knowing, but as an eminent surgeon lately directed the suboxide to be separated by filtration and the clear solution to be used. I should imagine that it is efficacious." "Subchloride of mercury, in the proportion of ten grains to a fluid ounce of lime water, is not entirely decomposed, a considerable quantity of calomel remaining with the suboxide. In the proportion of five grains to the ounce the action is almost or quite complete, varying with the purity or impurity of the lime-water."

---

Lotio Nigra.

Am. Disp., 6 ed., p. 1390; *ibid.*, 8 ed., p. 1291; *ibid.*, 10 ed., p. 1291; *ibid.*, 15 ed., p. 1291; *ibid.*, 16 ed., p. 1291; *ibid.*, 18 ed., 3 rev., v. 2, pp. 1014 & 1205.

One drachm of calomel added to a pint of lime water forms the "Black Wash" (Lotio Nigra), which is a favorite application, with some physicians, to all syphilitic ulcers. Sometimes the wash is made 2 or 4 times the strength of the above."

---

Lotio Nigra.

Disp. U.S.A., 12 ed., p. 1153.

By double decomposition between the calomel and lime, the black protoxide precipitates the chloride of calcium remains in solution, indicated by a copious white precipitate with  $\text{AgNO}_3$ .

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Eau phagédénique noire aelemande.

L'officine De Pharmacie Pratique, 7 ed., p. 420; *ibid.*, 10 ed., p. 426; *ibid.*, 14 ed., p. 426; *ibid.*, 15 ed., p. 623; *ibid.*, 17 ed., p. 680; *ibid.*, 17 ed., v. 3, p. 680.

Wash.

Gives the following formula for a German Black

"Calomel. 4  
Eau de Chaux. 375  
Opium pulverise. 2  
Agitez Chaque fois."

This is not the black lotion as we know it today.

---

Black Wash.

The medical formulary etc., 2 ed., p. 277. (Pharmacopoea Universalis, 3 ed., v. 2, p. 147.)

Gives a formula for the preparation of this lotion and states that it is sometimes administered in the form of injections in gleet and gonorrhoea.

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In a Preliminary Draft of the N.F., a formula and a method of preparation for the above lotion are given.

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(Committee)

1886

Lotio Nigra. (Black Wash., -----Aqua Phagedaenica Nigra).

Proc. A. Ph. A., 34, p. 252.

Mild Chloride of Mercury 64 gr., water a sufficient quantity, Solution of Lime/ enough to make 16 fl. oz.

Triturate the Mild chloride of mercury with about 4 fl. dr. of H<sub>2</sub>O, and afterwards gradually add the sol. of Lime until 16 fl. oz. of product are obtained (N.F.C.).

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N.F. I., 1888, 1 ed.

p. 84

Lotio Nigra.  
Black Lotion. (Germ. Pharm).  
Black Wash. Aqua Phagedaenica Nigra.

Mild Chloride of Mercury . . . . . 64 Grs.  
Water, a sufficient quantity  
Solution of lime, enough to make . . . . . 16 fl. oz.

Triturate the mild chloride of Mercury with one-half ( $\frac{1}{2}$ ) fluid- / ounce of Water, and gradually add a sufficient quantity of solution of lime, to make sixteen (16) fluidounces. /

This mixture should be well agitated, whenever any of it is to be / dispensed.

---

(Heale, T. A.)

1889

Lotio Hydrargyri Nigra.

Chem. & Drugg., 35, p. 775. (Yrbk. Brit. Pharm. Conf., v. 27, p. 235.)

The above lotion upon standing gained a yellow colour; the change being due to oxidation. Lime water generally contains some dissolved oxygen and exposure to light facilitates the decomposition.

---

(Henderson, T. C.)

1890

Lotio Hydrargyri Nigra.

Yrbk. Brit. Pharm. Conf., v. 27, p. 235.

Gives the following formula for the above lotion:

"Take of  
Calomel . . . . . 60 grs.  
Glycerine . . . . . 1 oz.  
Lime Water. . . . . q.s.

---

N.F. II., 1890 Revised Ed.

p. 94

Lotio Nigra.  
Black Lotion.  
Black Wash. Aqua Phagedaenica Nigra.

Mild Chloride of Mercury, seven and one-half grammes . . . . . 7.5 Gms.  
Water,  
Solution of Lime (U.S.P.), of each, a sufficient quantity  
To make one thousand cubic centimeters . . . . 1000 Cc.

Triturate the Mild Chloride of Mercury with  
Thirty-five (35) cubic / centimeters of Water, and gradually add a  
sufficient quantity of Solu / tion of Lime, to make one thousand (1000)  
cubic centimeters.

This mixture should be well agitated, whenever any  
of it is to be / dispensed.

---

Wood, H. C., Remington, J. P., Sadtler, S. P.

1892

Lotio Nigra.

Disp. U.S.A., 16 ed., pp. 776, 937, 1662.

Give a formula and directions for preparation of  
Black Wash.

---

Wood, H. C., Remington, J. P., Sadtler, S. P.

1894

Lotio Nigra.

Disp. U.S.A., 17 ed., pp. 694, 836 & 1512.

Give a formula and method of preparation of Black  
Wash.

---

Duncan, W.

1898

Lotio Hydrargyri Nigra B. P.

Pharm. Jour., 61, ---, p. 539.

States that the new B. P. preparation is an example of bad pharmacy. He finds fault with the addition of glycerin and tragacanth in the preparation of the above lotion. He suggests, the sooner a return is made to the old formula the better.

---

Wood, H. C., Remington, J. P., Sadtler, S. P.

1899

Lotio Nigra.

Disp. U.S.A., 18 ed., pp. 695, 835 & 1518.

Black Wash is mentioned under lotions on p. 1518,  
& the British formula is given on p. 835. See above.

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Lotio Nigra.  
 Black Lotion.  
 Black Wash. Aqua Phagedaenica Nigra.

	<u>Metric</u>	<u>Apothecaries</u>
Mild Mercurous Chloride,	8.75 Gm.	128 grains
Water,		
Solution of Lime (U.S.P.), of each, a sufficient quantity		
To make 1000 cc.		<u>32 fl. oz.</u>

Triturate the Mild Mercurous Chloride with 35 cc. (or 1 fluidounce) / of water, and gradually add a sufficient quantity of Solution of Lime, / to make 1000 cc. (or 32 fluidounces)/.

This mixture should be well agitated, whenever any of it is to be / dispensed.

Wood, H. C., Remington, J. P., Sadtler, S. P.

1907

Lotio Nigra.

Disp. U.S.A., 19 ed., pp. 624, 749 & 1803.

The proportion of HgCl was increased; it now contains 0.875 %; formerly it contained 0.75%.

Remington, J. P. & Wood, H. C.

1918

Lotio Nigra.

Disp. U.S.A., 20 ed., pp. 556, 668, & 1816.

It has been recommended by Shoemaker in "ivy poisoning".

The original was not available.

Lotio Nigra.  
Black Lotion.  
Lot. Nigr. Black Wash Aqua Phagedaenica Nigra.

Mild Mercurous Chloride . . . . .	8.75 Gm.
Water . . . . .	.15.00 cc.
Solution of Calcium Hydroxide, a sufficient quantity, To make	<u>1000.00</u> cc.

Triturate the Mild Mercurous Chloride with the Water, and gradually / add sufficient solution of Calcium Hydroxide, with trituration, to make / the product measure 1000 cc.

Shake the Lotion thoroughly before dispensing.

Wood, H. C., & Lawall, C. H.

1926

Lotio Nigra.

Disp. U.S.A., 21 ed., pp. 665 & 1671.

Give a formula and method of preparation of Black Wash.

LaWall, C. H.

1927

Lotio Nigra.

Four Thousand Years of Pharmacy, p. 265.

Sir Theodore Turquet de Mayerne, physician to king James I: "He is said to have introduced calomel and also black wash into medical practice."

Mayerne left France and went to England where through the influence of one of his patients who was an English peer, he became Physician to James I, of England, who succeeded to the throne at Elizabeths death in 1603 and who subsequently knighted him.

Lotio Nigra.  
Black Lotion.  
Lot. Nig. Black Wash Aqua Phagedaenica Nigra.

Mild Mercurous Chloride . . . . .	9 Gm.
Acacia, in fine powder . . . . .	1 Gm.
Water . . . . .	.100 cc.
Solution of calcium Hydroxide, a sufficient quantity, To make	<u>1000 cc.</u>

Triturate the mild mercurous chloride and acacia in a mortar. Gradu- / ally add the water, mixing thoroughly, and then add this mixture slowly /, with constant agitation, to sufficient of the solution of Calcium Hydroxide / to make 1000 cc. /

NOTE: Shake the Lotion thoroughly before dispensing. This / Lotion should be freshly prepared, as the precipitate has a tendency / to coagulate into larger particles on standing for some time.



Wood, H. C. & Lawall, C. H.

1937

Lotio Nigra.

Disp. U.S.A., 22 ed., p. 650.

Mention is made that this lotion is of use in ivy poisoning.



LOTIO ALBA

(Committee)

Lotions.  
(Lotio Alba).

N. Y. City Hospital Formulary, p. ---. (The Proc. Drugg., 30, p. 43.)

The original was not available.

---

Gray, S. F.

1836

White Wash.

Supplement to the Pharmacopoea etc., Lond., --ed., p. --; 6 ed., p. 342.  
(Pharmacopoea Universalis 3 ed., v. 2, p. 403.)

1. The original was not available.

2. "White Wash, Royal preventive, aq. lithargyri acetate composita, Liquor plumlie acetatis dilutus, Liq. subacetatis lithargyri compositus. Extr. Saturni, proof spirit, ana j, distilled Water lb j: Cooling, astringent; used as a lotion in inflammations and burns."

---

(Committee)

1840

Lotio Alba.

Pharmacopoea Universalis, 3 ed., v. 2, p. 403.

Given as synonyms for white wash are:

Gargarisma stypticum  
Preventitive, &  
Royal preventive.

---

(Chairman)

1898

Lotio Alba. (White Wash).

Proc. A. Ph. A., 46, p. 692. In the report on the progress of Pharmacy.

The following formula is given for Lotion Alba:

ZnO . . . . .	10.--
Liquor Plumbi subacetate . .	15.--
Glycerin . . . . .	20.--
Liq. calcis q.s. a.d. . .	150. cc.

For external use.

This is not the same formula for the Lotio Alba of today.

(Dreyfus, W. E., editor)

1903

Lotio Alba.  
White Wash.

The Hospital Formulary of the dept. of Public Charities and the dept. of Bellevue & allied Hospitals of the city of N. Y., 6th revised ed., ---p. 33. (The Proc. Drugg., 30, p. 43.)

Zinci oxidi	z 2
Liq. Plumbi Subacetatis	fl z 3
Glycerini	fl z 4
Liq. Calcis q.s. a.d.	fl z 4

For external use.--(Bellevue Dispensary.)

(Committee)

1912

Lotio Alba.

Jour. Am. Pharm. Assoc., 1, p. 761. (Yrbk. Brit. Pharm. Conf., 50, p. 336.)

Give a formula and a method of preparation for the above lotion. Also give a formula and a method of preparation for a compound White Lotion.

White Lotion.

Proc. Drugg., 30, p. 44. (Jour. A. Ph. A., 3, p. 693.)

Gives a formula for white lotion and method of preparation.

States that if the sulphurated potassa has acquired a gray color and lost its strong odor, it is not fit for use.

(Committee)

1913

Lotio Alba.

Yrbk. Brit. Pharm. Conf., 50, p. 336.

The following formula is given:

Zinc Sulphate,	5. --
Sulphurated potash,	5. --
Water or rose Water	
To make	125. --

Dissolve separately and filter. Pour the sulphurated potash solution slowly into the Zinc solution.

(Committee)

1913

Lotio Alba Composita.

Yrbk. Brit. Pharm. Conf., 50, p. 336.

The following formula is given:

Precipitated Sulphur	5. --
White lotion to make	125. --

Triturate.

Peacock, J. C. & B. L. De G.

1914

Lotio Alba.

Proc. Penn. Ph. A., 37, p. 256. (Yrbk. A. Ph. A., 3, p. 76.)

Give precautions necessary to produce a satisfactory preparation and the difficulties encountered in producing a satisfactory preparation.

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Raubenheimer, O.

1914

Lotio Alba.

Journ. A. Ph. A., 3, p. 692; *ibid.*, 11, p. 624.

Give an historical account of White Lotion, where used, and formula, with directions for its preparation.

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(Committee)

1918

Lotio Alba, Improved.

Yrbk. Brit. Pharm. Conf., 55, p. 305.

The following formula is given:

Sulphurated potash,	2 drachms.
Gelatin,	20 grains.
Rose Water,	2 fl. oz.

Dissolve the gelatin in the gently heated rose water and dissolve the sulphur potash in the solution, afterwards filtering.

Zn Sulphate,	2 drachms.
Gelatin,	20 grains.
Rose Water,	2 fl. oz.

Dissolve the Zn salt in the gelatin solution.

The compound lotion is also mentioned.

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(Editor)

1918

Improved Lotio Alba.

Am. Drugg., 66, p. 154. (Yrbk. Brit. Pharm. Conf.,  
55, p. 305.)

Gives a formula and a method of preparation for an  
improved White Lotion.

Gelatin is the added constituent.

The compound lotion is made by adding to the above  
1 dram of levigated Zn O and replacing a half-ounce of the rose water  
with an equal volume of spirit of camphor, which is added at the end of  
the process.

---

Remington, J. P. & Wood, H. C.

1918

Lotio Alba.

Disp. U.S.A., 20 ed., p. 883.

Give a formula and method of preparation of white  
lotion.

---

Faran, R. R.

1923

Watchful Wasting.  
(Lotio Alba.)

Proc. Penn. Pharm. Assoc., 46, p. 144.

(Yrbk. A. Ph. A., 13, p. 63; Merck's report, 33, p. 6; Jour. A. Ph. A. N,  
p. 624)

Preparation of Sulphurated Potassa for white lotion.

In the above article, reference to white lotion is  
made.

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Lotio Alba.

Disp. U.S.A., 21, ed., p. 873.

Give a formula and method of preparation of white lotion called "Lotio Sulphurata", also called "Lotio Alba", but is not the same as the "Lotio Alba Veterinaria N.F."

---

(Anon.)

1934

(Lotio Alba.)

Pharm. Jour., New Zealand, 30, ---. (Am. Jour. Pharm., 106, p. 442.)

Gives an improved formula for white lotion. In order to compound a lotion yielding a fine suspension of ZnS possessing more active properties, recourse is had to the use of gelatin.

---

Bliss, R. A. Jr.

1936

Emollient & Astringent Lotions.  
(Lotio Alba).  
White Lotion.

Drug & Cosmetics Ind., 39, pp. 54-56. (Pharm. abstracts, 1, p. 462.)

Among other lotions listed, gives the following formula for white lotion:

Talc	0.5 part
Zn O	0.5 part
Glycerine	1.0 part
Water to make	100.0 parts
Perfume, as desired.	

---

Lot. Alb.	Lotio Sulfurata
Zinc Sulfate . . . . .	40 Gm.
Sulfurated Potash . . . . .	40 Gm.
Distilled Water, a sufficient quantity,	
To make . . . . .	<u>1000 cc.</u>

Dissolve the Zinc Sulfate and the sulphurated potash separately, each / in 450 cc. of distilled water, and filter each solution. Add slowly the / sulfurated potash solution to the Zinc sulfate solution with constant / stirring, then add sufficient distilled water to make 1000 cc. and / mix the product well.

NOTE: The Lotion should be freshly prepared and shaken thoroughly / before dispensing.

---

Wood, H. C. & Lawall, C. H.

1937

Lotio Alba.

Disp. U.S.A., 22 ed., p. 649.

White lotion has for many years been recognized in the N.F. under the name of "Lotio Alba Veterinaria," a suspension of the product of the interaction of  $ZnSO_4$  and Lead Acetate, but during these same years the medical profession were using under the name of "Lotio Alba", a suspension of Zn S.

The N.F. has finally dropped the veterinary lotion in favor of the medical one.

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DISPENSATORIES CONSULTED.

Coxe, J. R., (The) Am(eric)an Disp(ensatory), 1 ed., 1806; 4 ed., 1818;  
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