ln[64]:= niceform[dWg1 /. {A[a_] \rightarrow 0}, 2]

Out[64]//TableForm=

 $0 - \frac{3 H^2 \eta^{\alpha\beta} \partial_{\beta} \partial_{\alpha} K}{\Omega^2} \mu$

 $\frac{6\;H^2\;\eta^{\;\alpha\beta}\;\;K_{\mu\nu}\;\;\partial_{\beta}\partial_{\alpha}\Omega}{\Omega^3}$

 $-\,\frac{6\,\,\mathsf{H}^2\,\,\eta^{\,\alpha\,\beta}\,\,\partial_{\alpha}\Omega\,\,\partial_{\nu}\,\mathsf{K}_{\,\mu\,\beta}}{\Omega^3}$

 $\frac{\eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\delta}\partial_{\gamma}\partial_{\beta}\partial_{\alpha}\mathbf{K}_{\mu\nu}}{2 \Omega^{4}}$

 $-\frac{3 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\beta}\partial_{\alpha}\Omega \partial_{\delta}\partial_{\gamma}K_{\mu\nu}}{\Omega^{5}}$

 $-\,\frac{3\,\,\eta^{\,\alpha\beta}\,\,\eta^{\,\gamma\delta}\,\,\partial_{\alpha}\kappa_{\,\mu\gamma}\,\,\partial_{\delta}\partial_{\gamma}\partial_{\beta}\Omega}{\Omega^{5}}$

 $\frac{2\;\eta^{\;\alpha\;\beta}\;\;\eta^{\;\gamma\;\delta}\;\;\partial_{\gamma}\partial_{\alpha}\Omega\;\partial_{\delta}\partial_{\mu}\kappa_{\;\gamma\;\beta}}{\Omega^{5}}$

 $\frac{\eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\delta}\partial_{\gamma}\partial_{\beta}\Omega \partial_{\mu}K_{\gamma\alpha}}{\Omega^{5}}$

 $\frac{\eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\delta}\partial_{\gamma}\partial_{\beta}\Omega \partial_{\nu} \mathbf{K}_{\mu\alpha}}{\Omega^{5}}$

 $\frac{5 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\beta}\Omega \partial_{\delta}\partial_{\gamma}K_{\mu\nu}}{\Omega^{6}}$

 $\frac{5\;\eta^{\,\alpha\,\beta}\;\eta^{\,\gamma\,\delta}\;\kappa_{\,\mu\,\nu}\;\partial_{\beta}\partial_{\alpha}\Omega\;\partial_{\delta}\partial_{\gamma}\Omega}{\Omega^{6}}$

 $-\frac{8 \eta^{\alpha \gamma} \eta^{\beta \delta} \partial_{\alpha} \Omega \partial_{\beta} \Omega \partial_{\delta} \partial_{\mu} \mathbf{K}_{\gamma \gamma}}{\Omega^{6}}$

 $-\frac{8 \eta^{\alpha \gamma} \eta^{\beta \delta} \partial_{\alpha} \Omega \partial_{\beta} \Omega \partial_{\delta} \partial_{\gamma} \mathbf{K}_{\mu \gamma}}{\Omega^{6}}$

 $\frac{4 \eta^{\alpha\beta} \eta^{\gamma\delta} \eta^{\epsilon\eta} \eta_{\mu\gamma} \partial_{\alpha}\Omega \partial_{\epsilon}\partial_{\gamma}\Omega \partial_{\eta} \mathbf{K}_{\beta\delta}}{\Omega^{6}}$

 $\frac{2 \eta^{\alpha \gamma} \eta^{\beta \delta} \eta^{\epsilon \eta} \eta_{\mu \gamma} \partial_{\alpha} \Omega \partial_{\beta} \Omega \partial_{\eta} \partial_{\epsilon} \mathbf{K}_{\gamma \delta}}{\Omega^{6}}$

 $-\frac{7 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\gamma}\Omega \partial_{\mu}K_{\gamma\beta}}{0^{6}}$

 $\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\beta}\partial_{\alpha}\Omega \partial_{\delta} \mathbf{K}_{\gamma\gamma} \partial_{\mu}\Omega}{\Omega^{6}}$

 $-\frac{4 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\gamma} \mathbf{K}_{\gamma\beta} \partial_{\mu}\Omega}{2^{6}}$

 $-\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\nu} \mathbf{K}_{\beta\gamma} \partial_{\mu}\Omega}{\Omega^{6}}$

 $-\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\delta}K_{\gamma\beta} \partial_{\mu}\partial_{\gamma}\Omega}{\Omega^{6}}$

 $\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\mu}\partial_{\gamma}\Omega \partial_{\nu} \mathbf{K}_{\beta\delta}}{\sigma^{6}}$

 $-\,\frac{8\,\eta^{\,\alpha\beta}\,\eta^{\,\gamma\delta}\,\partial_{\alpha}\Omega\,\partial_{\gamma}\partial_{\beta}\Omega\,\partial_{\nu}\,\mathbf{K}_{\,\mu\,\delta}}{\Omega^{6}}$

 $\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\beta} \mathbf{K}_{\mu\gamma} \partial_{\nu}\Omega}{\Omega^{6}}$

 $2 \eta^{\alpha\beta} \eta^{\gamma\delta} \kappa_{\mu\alpha} \partial_{\delta}\partial_{\gamma}\partial_{\beta}\Omega \partial_{\nu}\Omega$

 $-\,\frac{2\,\,\eta^{\,\alpha\,\beta}\,\,\,\eta^{\,\gamma\,\delta}\,\,\partial_{\gamma}\partial_{\alpha}\Omega\,\partial_{\mu}\,\mathbf{K}_{\,\beta\,\delta}\,\,\partial_{\nu}\Omega}{\mathcal{O}^{6}}$

 $\frac{\mathbf{4} \,\, \eta^{\,\alpha\,\gamma} \,\, \eta^{\,\beta\,\delta} \,\, \partial_{\alpha}\Omega \,\, \partial_{\beta}\Omega \,\, \partial_{\nu}\partial_{\mu} \mathbf{K}_{\,\gamma\,\delta}}{\Omega^{6}}$

4 H⁴ $\rm K_{\mu\nu}$

 $\frac{6\,\mathsf{H}^2\,\,\eta^{\,\alpha\,\beta}\,\,\partial_{\alpha}\Omega\,\partial_{\beta}\,\mathsf{K}_{\,\mu\,\nu}}{\Omega^3}$

 $-\frac{6 H^2 \eta^{\alpha\beta} \partial_{\alpha}\Omega \partial_{\mu} K_{\nu\beta}}{\Omega^3}$

 $-\frac{6 H^2 \eta^{\alpha \gamma} \eta^{\beta \delta} \eta_{\mu \nu} K_{\gamma \delta} \partial_{\alpha} \Omega \partial_{\beta} \Omega}{Q^4}$

 $-\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\gamma}\partial_{\alpha}\Omega \partial_{\delta}\partial_{\beta} \mathbf{K}_{\mu\gamma}}{\Omega^{5}}$

 $-\,\frac{4\,\,\eta^{\,\alpha\,\beta}\,\,\,\eta^{\,\gamma\,\delta}\,\,\partial_{\alpha}\Omega\,\,\partial_{\delta}\partial_{\gamma}\partial_{\beta}\,\mathbf{K}_{\,\mu\,\gamma}}{\Omega^{5}}$

 $-\frac{\eta^{\alpha\beta}\eta^{\gamma\delta}}{\sigma^{5}}\frac{\kappa_{\mu\nu}\partial_{\delta}\partial_{\gamma}\partial_{\beta}\partial_{\alpha}\Omega}{\sigma^{5}}$

 $\frac{2 \, \eta^{\alpha\beta} \, \eta^{\gamma\delta} \, \partial_{\gamma}\partial_{\alpha}\Omega \, \partial_{\delta}\partial_{\nu} \mathbf{K}_{\mu\beta}}{\Omega^{5}}$

 $-\frac{\eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\delta}\partial_{\gamma}\partial_{\beta}\mathbf{K}_{\gamma\alpha} \partial_{\mu}\Omega}{\Omega^{5}}$

 $-\frac{\eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\delta}\partial_{\gamma}\partial_{\beta}\mathbf{K}_{\mu\alpha} \partial_{\gamma}\Omega}{\sigma^{5}}$

 $\frac{8 \eta^{\alpha \gamma} \eta^{\beta \delta} \partial_{\alpha}\Omega \partial_{\beta}\Omega \partial_{\delta}\partial_{\gamma} \mathbf{K}_{\mu \nu}}{\Omega^{6}}$

 $\underbrace{\begin{smallmatrix} 8 & \eta^{\alpha\beta} & \eta^{\gamma\delta} & \mathbf{K}_{\mu\gamma} & \partial_{\alpha}\Omega & \partial_{\delta}\partial_{\gamma}\partial_{\beta}\Omega \\ & & \Omega^{\mathsf{f}} \end{smallmatrix}}_{\Omega^{\mathsf{f}}}$

 $-\,\frac{2\,\,\eta^{\,\alpha\beta}\,\,\eta^{\,\gamma\delta}\,\,\,\mathbf{K}_{\,\gamma\,\beta}\,\,\partial_{\alpha}\Omega\,\,\partial_{\delta}\partial_{\mu}\partial_{\gamma}\Omega}{\Omega^{6}}$

 $-\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \kappa_{\mu\beta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\gamma}\partial_{\gamma}\Omega}{\Omega^{6}}$

 $\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \eta^{\epsilon\eta} \eta_{\mu\gamma} \kappa_{\alpha\gamma} \partial_{\epsilon} \partial_{\beta} \Omega \partial_{\eta} \partial_{\delta} \Omega}{\Omega^{6}}$

 $\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \eta^{\epsilon\eta} \eta_{\mu\nu} \kappa_{\beta\gamma} \partial_{\alpha}\Omega \partial_{\eta}\partial_{\epsilon}\partial_{\delta}\Omega}{\Omega^{6}}$

 $-rac{8\,\eta^{\,lpha\,eta}\,\,\eta^{\,\gamma\,\delta}\,\,\partial_{lpha}\Omega\,\partial_{\gamma}\partial_{eta}\Omega\,\partial_{\mu}\mathbf{K}_{\,\gamma\,\delta}}{\Omega^{6}}$

 $\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\beta} \mathbf{K}_{\gamma\gamma} \partial_{\mu}\Omega}{\Omega^{6}}$

 $2 \eta^{\alpha\beta} \eta^{\gamma\delta} K_{\gamma\alpha} \partial_{\delta}\partial_{\gamma}\partial_{\beta}\Omega \partial_{\mu}\Omega$

 $\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\beta} K_{\gamma\delta} \partial_{\mu}\partial_{\gamma}\Omega}{\Omega^{6}}$

 $-\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\gamma}\partial_{\alpha}\Omega \partial_{\mu}\Omega \partial_{\nu} \mathbf{K}_{\beta\delta}}{\Omega^{6}}$

 $-\frac{7 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\gamma}\Omega \partial_{\nu} \mathbf{K}_{\mu\beta}}{26}$

 $\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\beta}\partial_{\alpha}\Omega \partial_{\delta} \mathbf{K}_{\mu\gamma} \partial_{\nu}\Omega}{\Omega^{6}}$

 $-\frac{4 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\gamma} \mathbf{K}_{\mu\beta} \partial_{\nu}\Omega}{6}$

 $-\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\mu} \mathbf{K}_{\beta\gamma} \partial_{\nu}\Omega}{\delta}$

 $\frac{2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\beta} \mathbf{K}_{\mu\delta} \partial_{\nu} \partial_{\gamma}\Omega}{\partial_{\alpha}^{6}}$

 $2 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\mu} K_{\beta\delta} \partial_{\nu}\partial_{\gamma}\Omega$

 $-\,\,\frac{18\,\,\eta^{\,\alpha\,\beta}\,\,\,\eta^{\,\gamma\,\delta}\,\,\,\partial_{\alpha}\Omega\,\,\partial_{\beta}\Omega\,\,\partial_{\gamma}\Omega\,\,\partial_{\delta}\,\mathbf{K}}{\Omega^{7}}$

$$-\frac{18\,\eta^{\alpha\beta}\,\eta^{\gamma\delta}\,\,\mathbf{K}_{\mu\nu}\,\,\partial_{\alpha}\Omega\,\partial_{\beta}\Omega\,\partial_{\delta}\partial_{\gamma}\Omega}{\Omega^{7}}\\ -\frac{20\,\eta^{\alpha\gamma}\,\eta^{\beta\delta}\,\,\eta^{\epsilon}\eta\,\,\eta_{\mu\nu}\,\,\mathbf{K}_{\gamma\epsilon}\,\,\partial_{\alpha}\Omega\,\partial_{\beta}\Omega\,\partial_{\eta}\partial_{\delta}\Omega}{\Omega^{7}}\\ -\frac{18\,\eta^{\alpha\beta}\,\eta^{\gamma\delta}\,\,\partial_{\alpha}\Omega\,\partial_{\beta}\Omega\,\partial_{\gamma}\Omega\,\partial_{\mu}\mathbf{K}_{\gamma\delta}}{\Omega^{7}}\\ -\frac{4\,\eta^{\alpha\gamma}\,\eta^{\beta\delta}\,\,\partial_{\alpha}\Omega\,\partial_{\beta}\Omega\,\partial_{\mu}\Omega\,\partial_{\nu}\mathbf{K}_{\gamma\delta}}{\Omega^{7}}\\ -\frac{4\,\eta^{\alpha\beta}\,\eta^{\gamma\delta}\,\,\mathbf{K}_{\mu\beta}\,\,\partial_{\alpha}\Omega\,\partial_{\delta}\partial_{\gamma}\Omega\,\partial_{\nu}\mathbf{K}_{\gamma\delta}}{\Omega^{7}}\\ 4\,\eta^{\alpha\beta}\,\eta^{\gamma\delta}\,\,\mathbf{K}_{\mu\beta}\,\,\partial_{\alpha}\Omega\,\partial_{\delta}\partial_{\gamma}\Omega\,\partial_{\nu}\Omega}{\Omega^{7}}\\ -\frac{4\,\eta^{\alpha\beta}\,\eta^{\gamma\delta}\,\,\partial_{\alpha}\Omega\,\partial_{\delta}\mathbf{K}_{\beta\gamma}\,\,\partial_{\mu}\Omega\,\partial_{\nu}\mathbf{K}_{\gamma\delta}}{\Omega^{7}}$$

$$-\frac{8 \eta^{\alpha\delta} \eta^{\beta\epsilon} \eta^{\gamma\eta} \eta_{\mu\nu} \partial_{\alpha}\Omega \partial_{\beta}\Omega \partial_{\gamma}\Omega \partial_{\eta} K_{\delta\epsilon}}{\Omega^{7}} \\ -\frac{8 \eta^{\alpha\gamma} \eta^{\beta\delta} \eta^{\epsilon\eta} \eta_{\mu\nu} K_{\gamma\delta} \partial_{\alpha}\Omega \partial_{\beta}\Omega \partial_{\eta}\partial_{\epsilon}\Omega}{\Omega^{7}} \\ 4 \eta^{\alpha\beta} \eta^{\gamma\delta} K_{\gamma\beta} \partial_{\alpha}\Omega \partial_{\delta}\partial_{\gamma}\Omega \partial_{\mu}\Omega \\ \Omega^{7}} \\ 18 \eta^{\alpha\beta} \eta^{\gamma\delta} \partial_{\alpha}\Omega \partial_{\beta}\Omega \partial_{\gamma}\Omega \partial_{\nu} K_{\mu\delta} \\ \Omega^{7}} \\ -\frac{4 \eta^{\alpha\gamma} \eta^{\beta\delta} \partial_{\alpha}\Omega \partial_{\beta}\Omega \partial_{\mu} K_{\gamma\delta} \partial_{\nu}\Omega}{\Omega^{7}} \\ 30 \eta^{\alpha\beta} \eta^{\gamma\epsilon} \eta^{\delta\eta} \eta_{\mu\nu} K_{\epsilon\eta} \partial_{\alpha}\Omega \partial_{\beta}\Omega \partial_{\gamma}\Omega \partial_{\delta}\Omega \\ \Omega^{8}}$$