Let us suppose, a(0)=1 and for (3^(m-1)+1)/2<=n<=(3^m-1)/2, m=ceiling(log_3(2n)).

Then for $\frac{3^{m-1}+1}{2} \leq n \leq \frac{3^{m-1}+1}{2} + 3^{m-2}$,

$$a(n) = \sum_{s=\left\lceil\frac{n-1}{3}\right\rceil}^{\left\lfloor\frac{2n+3^{m-2}-1}{4}\right\rfloor} a(s) - \sum_{d=\left\lceil\frac{3n+2}{5}\right\rceil}^{\left\lfloor\frac{2n+3^{m-2}-1}{4}\right\rfloor} \sum_{p=\left\lceil\frac{d-1}{3}\right\rceil}^{2d-n-1} a(p)$$

and for $\frac{3^{m-1}+1}{2} + 3^{m-2} + 1 \leq n \leq \frac{3^m-1}{2}$,

$$a(n) = \sum_{s=\left\lceil\frac{n-1}{3}\right\rceil}^{\frac{3^{m-1}-1}{2}} a(s)$$

In ASCII characters, the formula become-

For (3^(m-1)+1)/2<=n<=(3^(m-1)+1)/2+3^(m-2),a(n)=Sum{s=ceiling((n-1)/3)..floor((2n+3^(m-2)-1)/4)}a(s)-Sum{d=ceiling((3n+2)/5)..(3^(m-1)-1)/2}Sum{p=ceiling((d-1)/3..2d-n-1}a(p)

and for (3^(m-1)+1)/2+3^(m-2)+1<=n<=(3^m-1)/2, a(n)=Sum_{s=ceiling((n-1)/3)..(3^(m-1)-1)/2}a(s)