

The carboxylate is Tetradecenoate 🡪

(14 C’s)

🡨 9-ene (double bond)

Z (both alkyls on same side)

🡨 Ester functionality (an alkyl carboxylate)

The alkyl is Hexadecyl 🡪

(16 C’s)

Common Name: Cetyl Myristoleate

Systematic Name: Hexadecyl (Z)-tetradec-9-enoate