

SIP proposal for : Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

LAS 10-13, Na

CAS 68411-30-3;

EC 270-115-0

Low C14 Content

| C-chain | Component | Boundary ranges | |
|---------|--|-----------------|-------|
| | | min % | max % |
| ≤C9 | 4-[nonan-(2 to 5)-yl] benzenesulfonic acid, sodium salt | 0 | 10 |
| C10 | 4-[decan-(2 to 5)-yl]benzenesulfonic acid, sodium salt | 4 | 48 |
| C11 | 4-[undecan-(2 to 6)-yl] benzenesulfonic acid, sodium salt | 19 | 48 |
| C12 | 4-[dodecan-(2 to 6)-yl] benzenesulfonic acid, sodium salt | 20 | 55 |
| C13 | 4-[tridecan-(2 to 7)-yl] benzenesulfonic acid, sodium salt | 1 | 32 |
| ≥C14 | 4-[tetradec-(2 to 7)-yl] benzenesulfonic acid, sodium salt | 0 | 1 |
| | Unknown constituents (non-linear Benzenesulfonic isomers or unsulfonated material) | 0 | 14 |

High C14 Content

| C-chain | Component | Boundary ranges | |
|---------|--|-----------------|-------|
| | | min % | max % |
| ≤C9 | 4-[nonan-(2 to 5)-yl] benzenesulfonic acid, sodium salt | 0 | 10 |
| C10 | 4-[decan-(2 to 5)-yl]benzenesulfonic acid, sodium salt | 4 | 48 |
| C11 | 4-[undecan-(2 to 6)-yl] benzenesulfonic acid, sodium salt | 19 | 48 |
| C12 | 4-[dodecan-(2 to 6)-yl] benzenesulfonic acid, sodium salt | 20 | 55 |
| C13 | 4-[tridecan-(2 to 7)-yl] benzenesulfonic acid, sodium salt | 1 | 60 |
| ≥C14 | 4-[tetradec-(2 to 7)-yl] benzenesulfonic acid, sodium salt | 0 | 6 |
| | Unknown constituents (non-linear Benzenesulfonic isomers or unsulfonated material) | 0 | 14 |