

# Specification

## Technical Data Sheet

|                     |                      |
|---------------------|----------------------|
| <b>Product Name</b> | Isodecyl pelargonate |
|---------------------|----------------------|

|                   |          |
|-------------------|----------|
| <b>Product No</b> | 89993608 |
|-------------------|----------|

|                   |          |
|-------------------|----------|
| <b>CAS Number</b> | 109-32-0 |
|-------------------|----------|

|                            |         |
|----------------------------|---------|
| <b>Storage Temperature</b> | Ambient |
|----------------------------|---------|

|                         |        |
|-------------------------|--------|
| <b>Molecular Weight</b> | 298.51 |
|-------------------------|--------|

### Specification

|                   |                                   |
|-------------------|-----------------------------------|
| <b>Appearance</b> | Clear colourless to yellow liquid |
|-------------------|-----------------------------------|

|                   |                           |
|-------------------|---------------------------|
| <b>Acid Value</b> | $\leq 0.1\text{mg KOH/g}$ |
|-------------------|---------------------------|

|                         |               |
|-------------------------|---------------|
| <b>Refractive Index</b> | 1.438 - 1.441 |
|-------------------------|---------------|

|                       |                           |
|-----------------------|---------------------------|
| <b>Hydroxyl value</b> | $\leq 2.0\text{mg KOH/g}$ |
|-----------------------|---------------------------|

|                     |                                   |
|---------------------|-----------------------------------|
| <b>Iodine value</b> | $\leq 2.0\text{gI}_2/100\text{g}$ |
|---------------------|-----------------------------------|

|                 |               |
|-----------------|---------------|
| <b>Moisture</b> | $\leq 0.05\%$ |
|-----------------|---------------|

|  |                       |
|--|-----------------------|
| <b>Identification, <sup>1</sup>H-NMR, IR</b> | Conforms to structure |
|--|-----------------------|