FIG.1



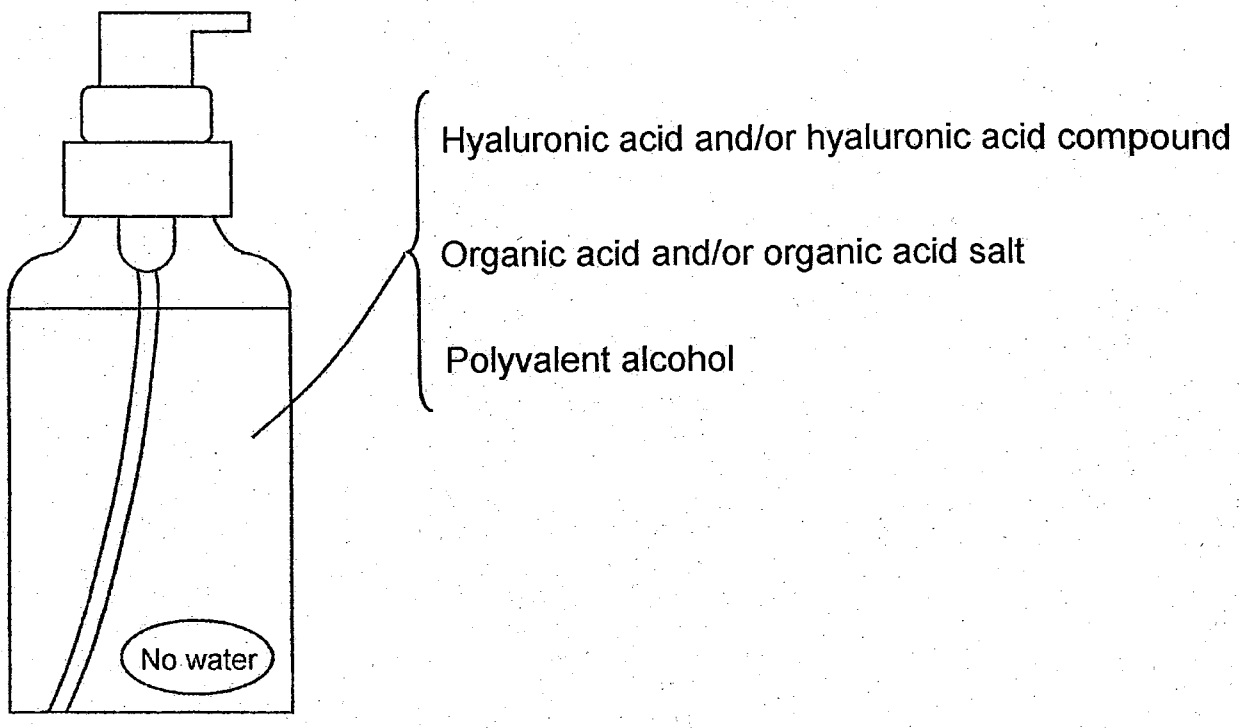

Hyaluronic acid and/or hyaluronic acid compound
Organic acid and/or organic acid salt
Polyvalent alcohol
No water

FIG. 2



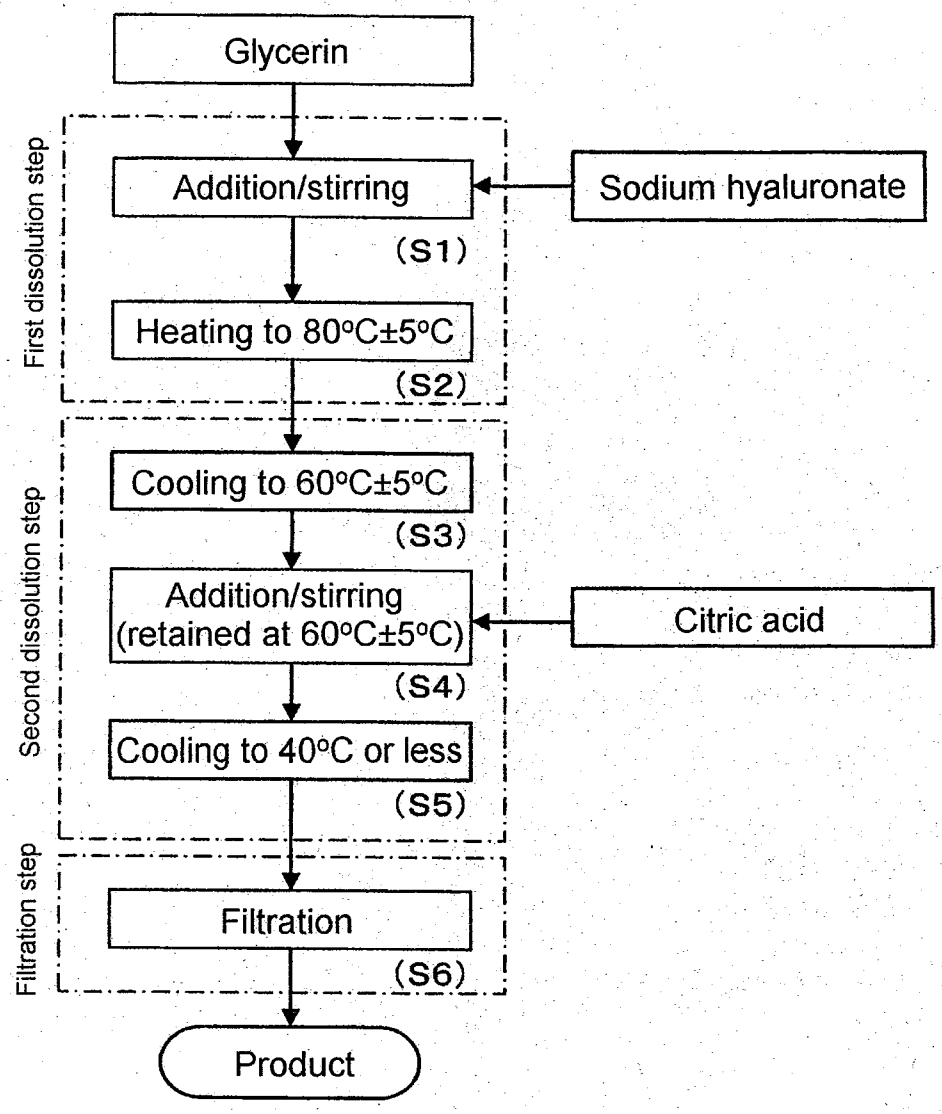

Glycerin
First dissolution step
Addition/stirring
(S1)
Sodium hyaluronate
Heating to 80°C±5°C
(S2)
Second dissolution step
Cooling to 60°C±5°C
(S3)
Addition/stirring
(retained at 60°C±5°C)
(S4)
Citric acid
Cooling to 40°C or less
(S5)
Filtration step
Filtration
(S6)
Product

FIG.3



| Component | Examples | | | | | | | Comparative Examples |
|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 Glycerin : BG | 5 Glycerin : BG | 6 | 7 | 1 |
| Hyaluronic acid Na (60) | 0.5 | 1.0 | 2.0 | 0.5 | 0.5 | 0.5 | 0.5 | |
| Citric acid | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | |
| Glycerin | 99.470 | 98.970 | 97.970 | 49.735 | 9.947 | – | – | 100 |
| 1,3 butylene glycol (BG) | – | – | – | 49.735 | 89.523 | 99.470 | – | |
| Propylene glycol | – | – | – | – | – | – | 99.470 | |
| Stability | ◎ | ◎ (However, very viscous) | △ | ◎ | ◎ | ◎ | ◎ | ◎ |

FIG.4

Microbial test

| | One-day cultivation | Four-day cultivation | Seven-day cultivation |
|---|---|---|---|
| Com. Ex. 2 | × (One) | × (500 or more) | × (500 or more) |
| Com. Ex. 3 | Zero | Zero | Zero |
| Example 1 | Zero | Zero | Zero |